Work Order ID 80387 *80387* PRELIMINARY ISSUE

February-17-12 2:46:21 PM

Item ID: D4522-13 **Accept** *N900040100* **Setup Start** *NS1*

Revision ID: PRELIM **Stop** *NS2*

Item Name: Handle Shaft Adapter

Start Date: 17/02/2012 **Start Qty:** 3.00 *3* **Cust Item ID:**

Required Date: 02/03/2012 **Req'd Qty:** 3.00 *3* **Customer:**

Reference:

Run Start *NR1*

Approvals: **Process Plan:** M.L.S **Date:** 12/02/17 **Tooling:** ______ **Date:** ______

QC: ______ **Date:** ______ **SPC (Y/N):** ______ **Date:** ______

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp

Draw Nbr	Revision Nbr
D4522	~~RA1~~ ~~RA~~3

100 *100* Bandsaw — Jeaspa Bandsaw

Memo CUT BLANKS 2.0" LONG

0.00 / 0.00 — PO 12/02/22

105 *105* Outsource5 — Outsource process - Machining

Memo
Issue P/O: 16235
Machine as per Dwg
Possible Supplier:DAN'S PRECISION
SEND BLANKS WITH P/O
Conformity sheet required

0.00 / 0.00 — Scrap 12-08-22 — CL 12/02/21 (3)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: ____________ **PAR #:** ______ **Fault Category:** ____________ **NCR:** Yes No **DQA:** _____ **Date:** ________

Resolution: ____________ **Disposition:** ____________ **QA: N/C Closed:** ________ **Date:** ________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
			Corrective Action Section B					
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector

NOTE: Date & initial all entries

Work Order ID 80387 *80387*

February-17-12 2:46:21 PM

Item ID: D4522-13 **Accept** *N900040100* **Setup** **Start** *NS1*

Revision ID: PRELIM

Item Name: Handle Shaft Adapter **Stop** *NS2*

Start Date: 17/02/2012 **Start Qty:** 3.00 *3* **Cust Item ID:**

Required Date: 02/03/2012 **Req'd Qty:** 3.00 *3* **Customer:**

Reference:

Run **Start** *NR1*

Approvals: **Process Plan:** ________ **Date:** ________ **Tooling:** ________ **Date:** ________

QC: ________ **Date:** ________ **SPC (Y/N):** ________ **Date:** ________ **Stop** *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
110 *110* Packaging	Receive & Inspect for Damage & Mat'l Certs	0.00							
Packaging	**Memo** Ensure certificate of conformity is attached	0.00				0	12/4/12		3
120 *120* QC	QC6- Inspect dimensions to drawing	0.00 — inspected to PA3 Dwg only							
Quality Control	**Memo** DIMENSIONAL CHECK,	0.00 Sz2ku/11	(X?)						
130 *130* Packaging	Identify as per dwg & Stock Location:_______	0.00							
Packaging	**Memo**	0.00							

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: ____________________ **PAR #:** _______ **Fault Category:** ________________ **NCR:** Yes No **DQA:** _____ **Date:** _________

Resolution: ____________________ **Disposition:** ____________________ **QA: N/C Closed:** __________ **Date:** _________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

Work Order ID 80387
February-17-12 2:46:21 PM

80387

Item ID: D4522-13
Revision ID: PRELIM
Item Name: Handle Shaft Adapter

Accept *N900040100*

Setup **Start** *NS1*
Stop *NS2*

Start Date: 17/02/2012 **Start Qty:** 3.00 *3*
Required Date: 02/03/2012 **Req'd Qty:** 3.00 *3*
Reference:

Cust Item ID:
Customer:

Run **Start** *NR1*
Stop *NR2*

Approvals: **Process Plan:** ______ **Date:** ______ **Tooling:** ______ **Date:** ______
QC: ______ **Date:** ______ **SPC (Y/N):** ______ **Date:** ______

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140 *140*	QC21- Final Inspection - Work Order Release	0.00							
QC Quality Control	**Memo**	0.00							

RD 3392

POSITIVE RECALL
EFFECTIVE 17.02.21 AUTH [illegible]
RELEASED ______ DATE ______

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	**STEP**	**PROCEDURE CHANGE**	**By**	**Date**	**Qty**	**Approval** Chief Eng / Prod Mgr	**Approval** QC Inspector

Part No: ____________ **PAR #:** ______ **Fault Category:** ____________ **NCR:** Yes No **DQA:** _____ **Date:** ________

Resolution: ____________ **Disposition:** ____________ **QA: N/C Closed:** ________ **Date:** ________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	**STEP**	**Description of NC** Section A	**Corrective Action** Section B			**Verification** Section C	**Approval** Chief Eng	**Approval** QC Inspector
			Initial Chief Eng	**Action Description** Chief Eng	**Sign & Date**			

NOTE: Date & initial all entries

Picklist Print

February-17-12 2:46:24 PM

Work Order ID: 80387 *80387*

Parent Item: D4522-13 *D4522-13*

Parent Item Name: Handle Shaft Adapter

Start Date: 17/02/2012 **Required Date:** 02/03/2012

Start Qty: 3.00 **Required Qty:** 3.00

Comments: IPP REV:A NEW ISSUE 12-01-04 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4522-13P *D4522-13P* HANDLE SHAFT ADAPTER		Purchased	No				Each	0.0000	**	3 (3)	12/4/10		
M303R1.000 *M303R1.000* 303 Round Bar 1.00		Purchased	No				f	14.0000	**	0.536842	RD 12/02/22		

Location		Loc Qty	Loc Code	
MAT012		12		
	120603	12		0.536842 FT
MAT028		2		
	120243	2		

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	**STEP**	**PROCEDURE CHANGE**	**By**	**Date**	**Qty**	**Approval** Chief Eng / Prod Mgr	**Approval** QC Inspector

Part No: ____________ **PAR #:** ______ **Fault Category:** ____________ **NCR:** Yes No **DQA:** _____ **Date:** ________

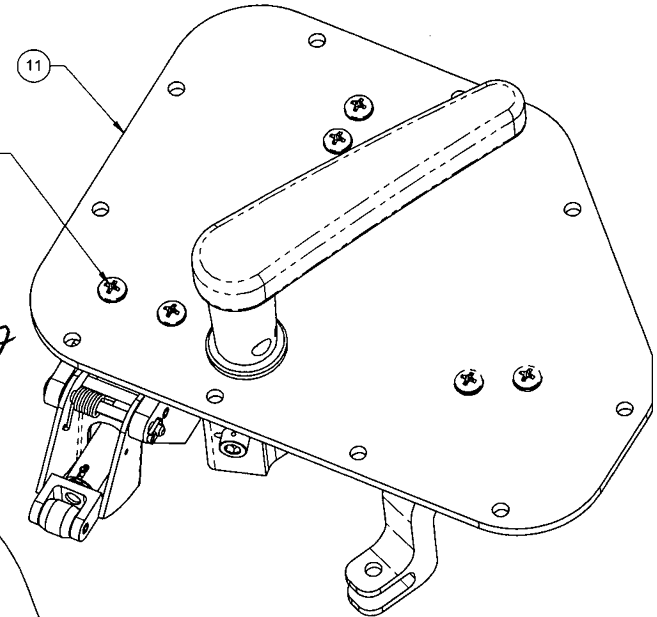
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NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
			Corrective Action Section B					
DATE	**STEP**	**Description of NC** Section A	**Initial** Chief Eng	**Action Description** Chief Eng	**Sign & Date**	**Verification** Section C	**Approval** Chief Eng	**Approval** QC Inspector

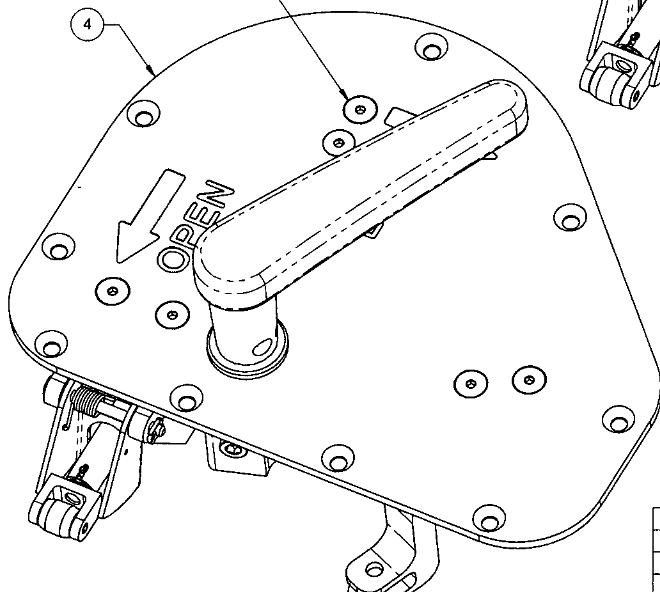
NOTE: Date & initial all entries

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ITEM	QTY -041	QTY -043	P/N	DESCRIPTION
	X	.	**D4522-041**	**DOOR LATCH ASS'Y, LEFT, OEM**
		X	**D4522-043**	**DOOR LATCH ASS'Y, LEFT**
1	1	1	D4522-045	BASE, HORIZONTAL SWING ARM
2	1	1	D4522-047	BASE, VERTICAL SWING ARM
3	1	1	D4522-049	BASE, LATCH SHAFT
4	1		D4522-1	BASE PLATE, OEM
5	1	1	D4522-11	HANDLE SHAFT ARM
6	1	1	D4522-13	HANDLE SHAFT ADAPTER
7	2	2	D4522-17	LINKAGE
8	2	2	D4522-19	LINKAGE
9	2	2	D4522-21	LINKAGE
10	1	1	D4522-25	LATCH SHAFT
11		1	D4522-31	BASE PLATE
12	1	1	D4522-9	VERTICAL SWING ARM
13	1	1	D4529-041	HORIZONTAL SWING ARM
14	1	1	D4530-041	LATCH ROLLER
15	1	1	D4531-1	LATCH SHAFT BRACKET
16	1	1	D4574	INTERIOR L-HANDLE, MODIFIED
17	1	1	LE045005S	EXTENSION SPRING (LEE SPRING)
18	1	1	MS-20995-C20	LOCK WIRE
19	1	1	MS16562-193	SPRING PIN
20	1	1	MS16562-223	SRPING PIN
21	1	1	MS16562-227	SPRING PIN
22	1	1	MS16624-4062	EXTERNAL RETAINING RING
23	1	1	MS20392-1P41	DRILLED PIN
24	1	1	MS20392-1R27P	DRILLED PIN
25	1	1	MS20392-1R37P	DRILLED PIN
26	4	4	MS20392-1R9P	DRILLED PIN
27	3	3	MS20392-2R41P	DRILLED PIN
28	7	7	MS24665-151	COTTER PIN
29	2	2	MS24665-155	COTTER PIN
30	6		MS24671-14	SCREW, FL-HD, HEX, #8
31	1	1	MS24674-13	DRILLED CAP SCREW, #10
32		6	MS51957-43	SCREW, PN-HD, #8
33	5	5	NAS1149-C-N432-R	FLAT WASHER
34	1	1	NAS42DD628FC	SPACER
35	1	1	T032-180-156L	TORSION SPRING



D4522-043 DOOR LATCH ASSY, LEFT



D4522-041 DOOR LATCH ASSY, LEFT, OEM

PRELIMINARY A3
12.02.15 (RP)

NOTES:

1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY PER DART QSI 044
7) WEIGHT: 2.0 lbs
8) INSTALL ALL COTTER PINS AND LOCK WIRE IN ACCORDANCE WITH MS33540
9) OEM VERSION DEPICTED IN DRAWING
10) SHEETS 22 -24 ARE FOR REFERENCE ONLY AND ARE ONLY ***RECOMMENDED*** ASSEMBLY STEPS

REV.	DESCRIPTION	BY	DATE
PA3	CHANGES PAGES 4-5, 8-11, 19-21 AS INDICATED	RP	12.02.15
PA2	ADDED NON-OEM VERSIONS	RP	12.01.10
PA1	PRELIMINARY	RP	11.12.21

DESIGN	RP	**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN	RP	
CHECKED	CP	DRAWING NO. D4522 — REV. PA3 — SHEET 1 OF 24
MFG. APPR.		
APPROVED		TITLE: DOOR LATCH ASSY (412) — SCALE NTS
DE APPR.		
DATE	12.02.15	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

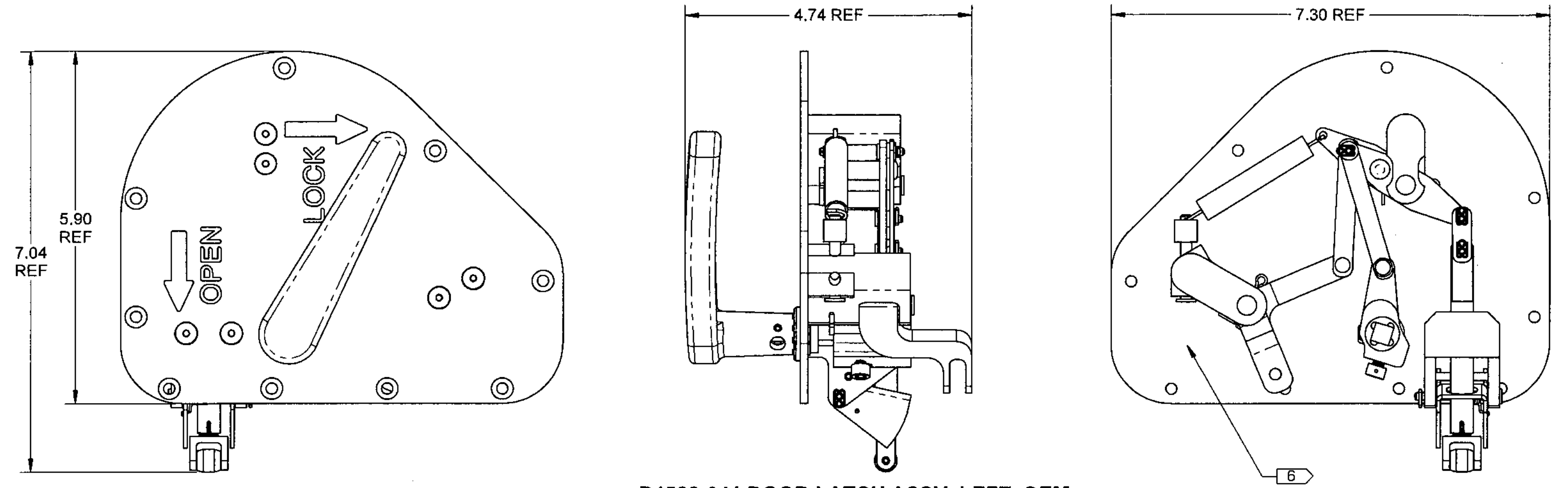
Part No: ____________________ PAR #: _______ Fault Category: __________________ NCR: Yes No DQA: _____ Date: _________

Resolution: ____________________ Disposition: ____________________ QA: N/C Closed: __________ Date: _________

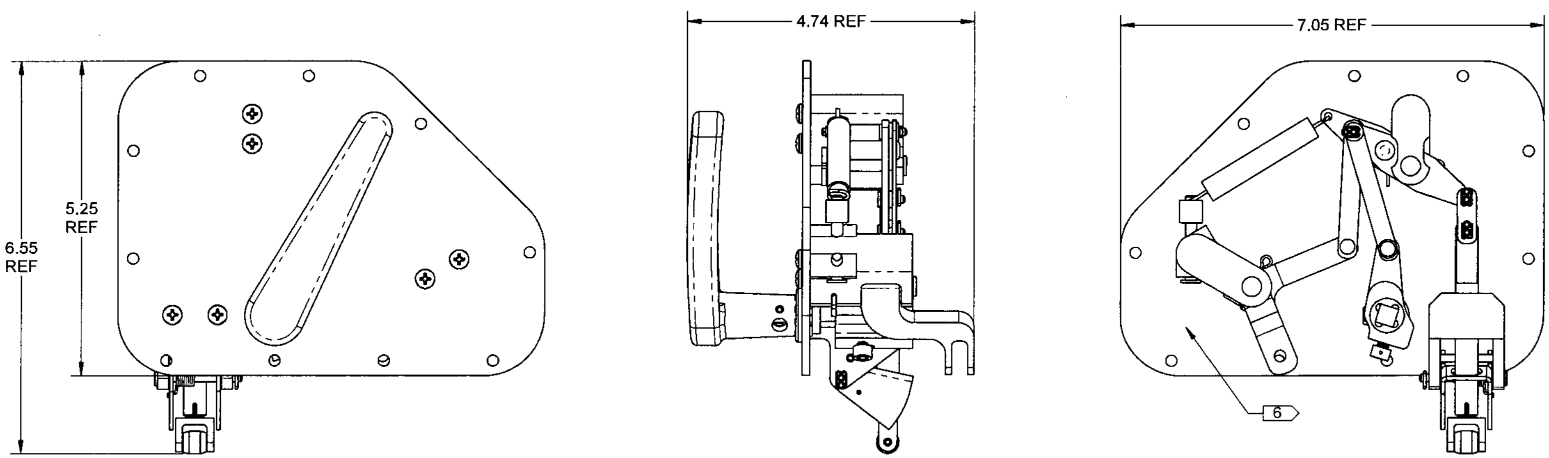
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

80387



D4522-041 DOOR LATCH ASSY, LEFT, OEM



D4522-043 DOOR LATCH ASSY, LEFT

PRELIMINARY A3
12.02.15 (RP)

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED	CP	DRAWING NO.	REV. PA3
MFG. APPR.		D4522	SHEET 2 OF 24
APPROVED		TITLE	SCALE
DE APPR.		DOOR LATCH ASSY (412)	NTS
DATE	12.02.15		

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	**STEP**	**PROCEDURE CHANGE**	**By**	**Date**	**Qty**	**Approval** Chief Eng / Prod Mgr	**Approval** QC Inspector

Part No: ____________ **PAR #:** ______ **Fault Category:** ____________ **NCR:** Yes No **DQA:** _____ **Date:** ________

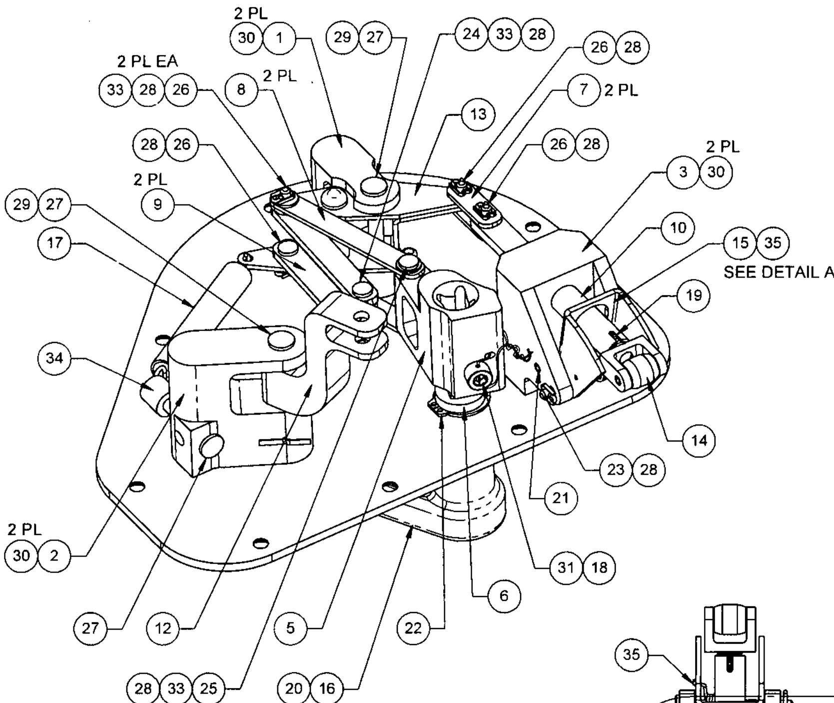
Resolution: ____________ **Disposition:** ____________ **QA: N/C Closed:** ________ **Date:** ________

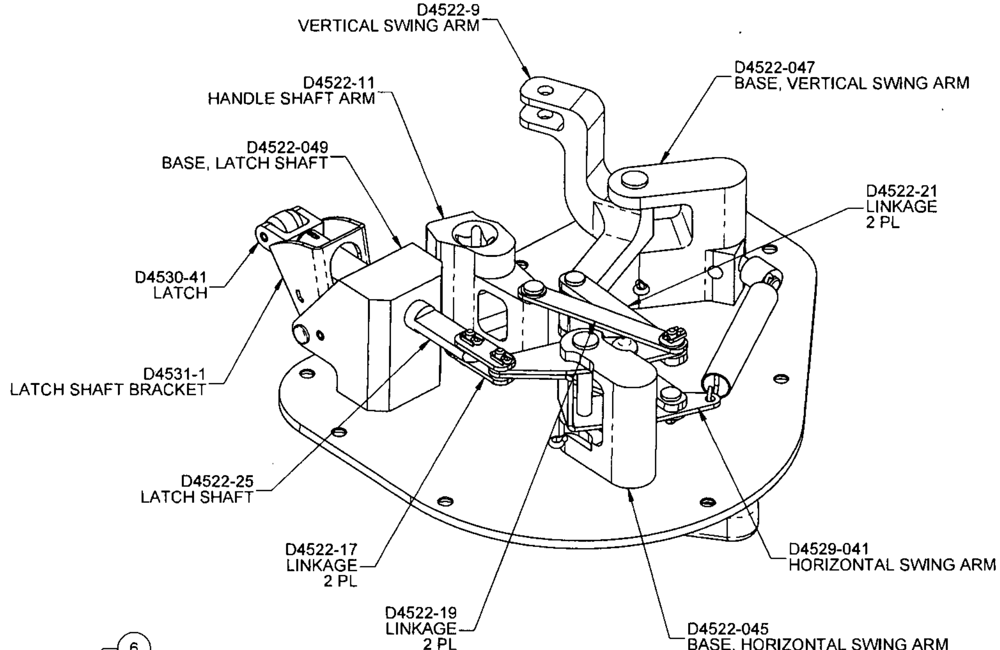
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	**STEP**	**Description of NC** Section A	**Corrective Action** Section B			**Verification** Section C	**Approval** Chief Eng	**Approval** QC Inspector
			Initial Chief Eng	**Action Description** Chief Eng	**Sign & Date**			

NOTE: Date & initial all entries

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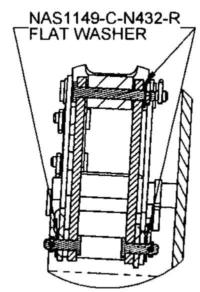
80387



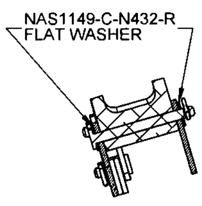




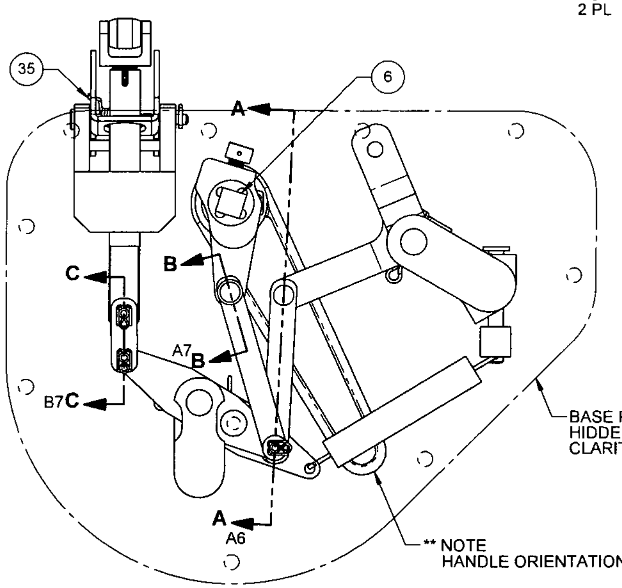
SECTION C-C A5

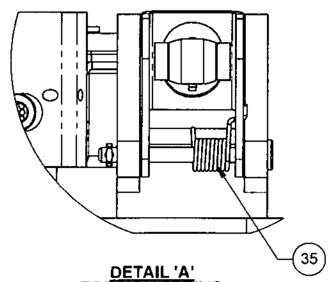


SECTION A-A A5



SECTION B-B A5





DETAIL 'A'
TORSION SPRING

PRELIMINARY A3
12.02.15 (RP)

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED	CP	DRAWING NO.	REV. PA3
MFG. APPR.		D4522	SHEET 3 OF 24
APPROVED		TITLE	SCALE
DE APPR.		DOOR LATCH ASSY (412)	NTS
DATE	12.02.15	COPYRIGHT © 2012 BY DART AEROSPACE LTD	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: ____________ PAR #: ______ Fault Category: ____________ NCR: Yes No DQA: _____ Date: ________

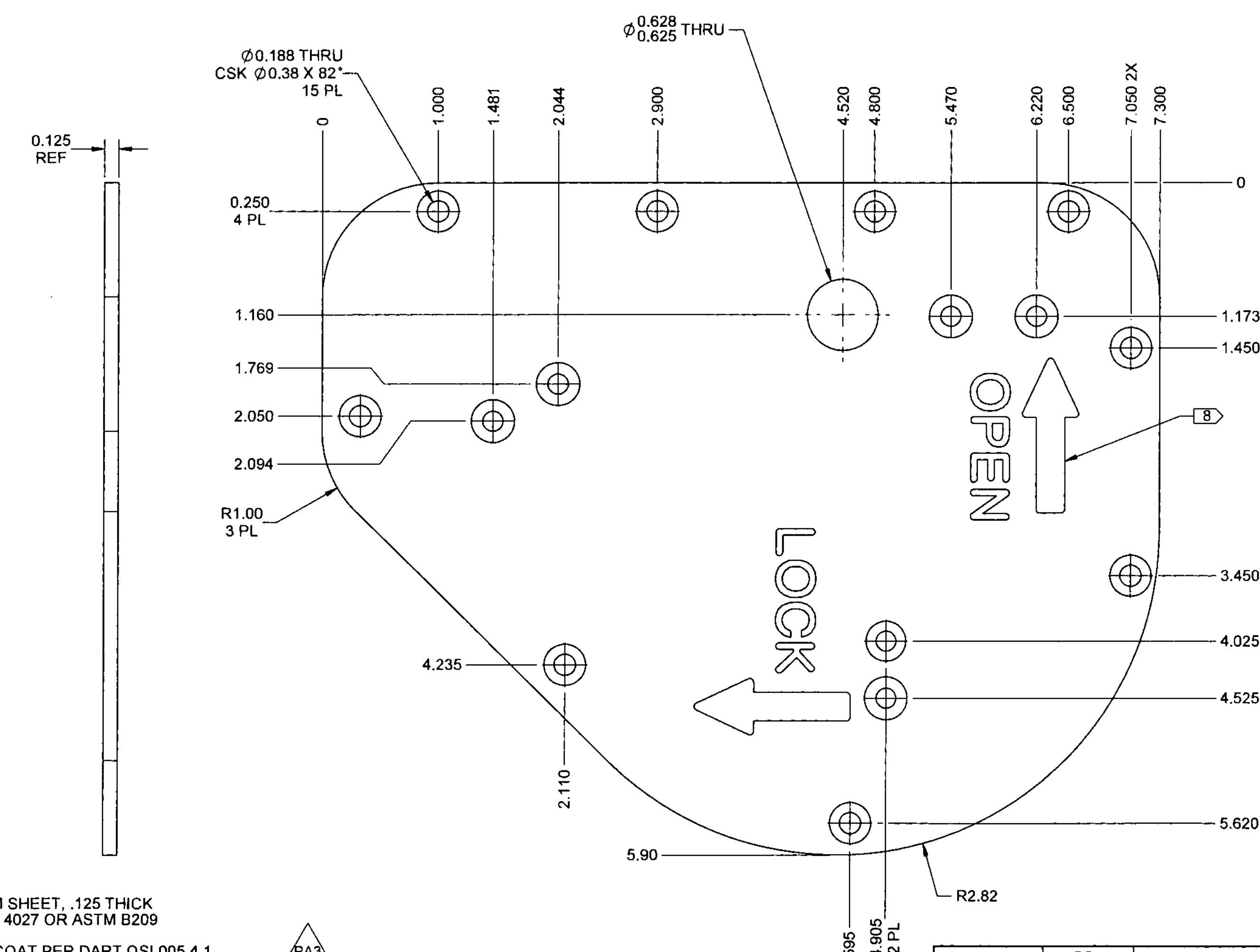
Resolution: ____________ Disposition: ____________ QA: N/C Closed: ________ Date: ________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
			Corrective Action Section B					
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector

NOTE: Date & initial all entries

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80387



NOTES:

1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET, .125 THICK
PER AMS 4025 OR AMS 4027 OR ASTM B209
REF M6061T6S.060
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT GLOSS GREY (4.3.5.15) PER DART QSI 005 4.3 PA3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: INDENTIFY PER QSI044 6.1
7) WEIGHT: 0.4 lbs
8) ENGRAVE TEXT AND ARROWS .010" DP IN APPROXIMATE
LOCATION SHOWN
TEXT TO BE APPROX. 0.32 HIGH

D4522-1 BASE PLATE, OEM

PRELIMINARY A3
12.02.15 (RP)

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RP	
CHECKED	CP	DRAWING NO. D4522 — REV. PA3 — SHEET 4 OF 24
MFG. APPR.		
APPROVED		TITLE: DOOR LATCH ASSY (412) — SCALE NTS
DE APPR.		
DATE	12.02.15	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

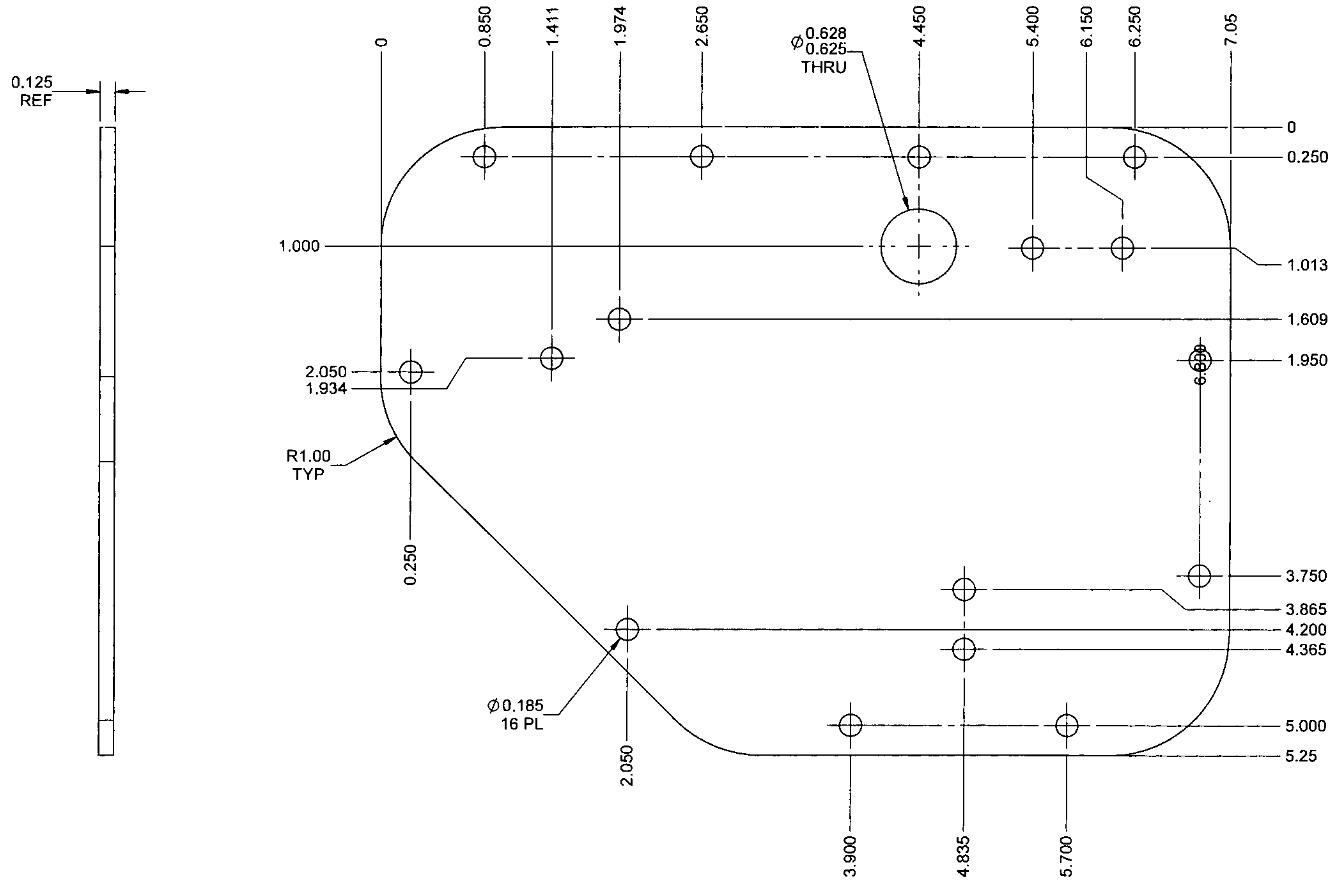
Part No: ____________________ **PAR #:** _______ **Fault Category:** __________________ **NCR:** Yes No **DQA:** _____ **Date:** __________

Resolution: ____________________ **Disposition:** ____________________ **QA: N/C Closed:** __________ **Date:** __________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

80387



PRELIMINARY A3
12.02.15 (RP)

NOTES:

1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET, .125 THICK
PER AMS 4025 OR AMS 4027 OR ASTM B209
REF M6061T6S.060
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT GLOSS GREY (4.3.5.15) PER DART QSI 005 4.3 PA3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: INDENTIFY PER QSI044
7) WEIGHT: 0.4 lbs

D4522-31 BASE PLATE

DESIGN	RP	**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN	RP	
CHECKED	CP	DRAWING NO. D4522 — REV. PA3 — SHEET 5 OF 24
MFG. APPR.		
APPROVED		TITLE DOOR LATCH ASSY (412) — SCALE NTS
DE APPR.		
DATE	12.02.15	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: ____________________ PAR #: _______ Fault Category: __________________ NCR: Yes No DQA: _____ Date: _________

Resolution: ____________________ Disposition: ____________________ QA: N/C Closed: __________ Date: _________

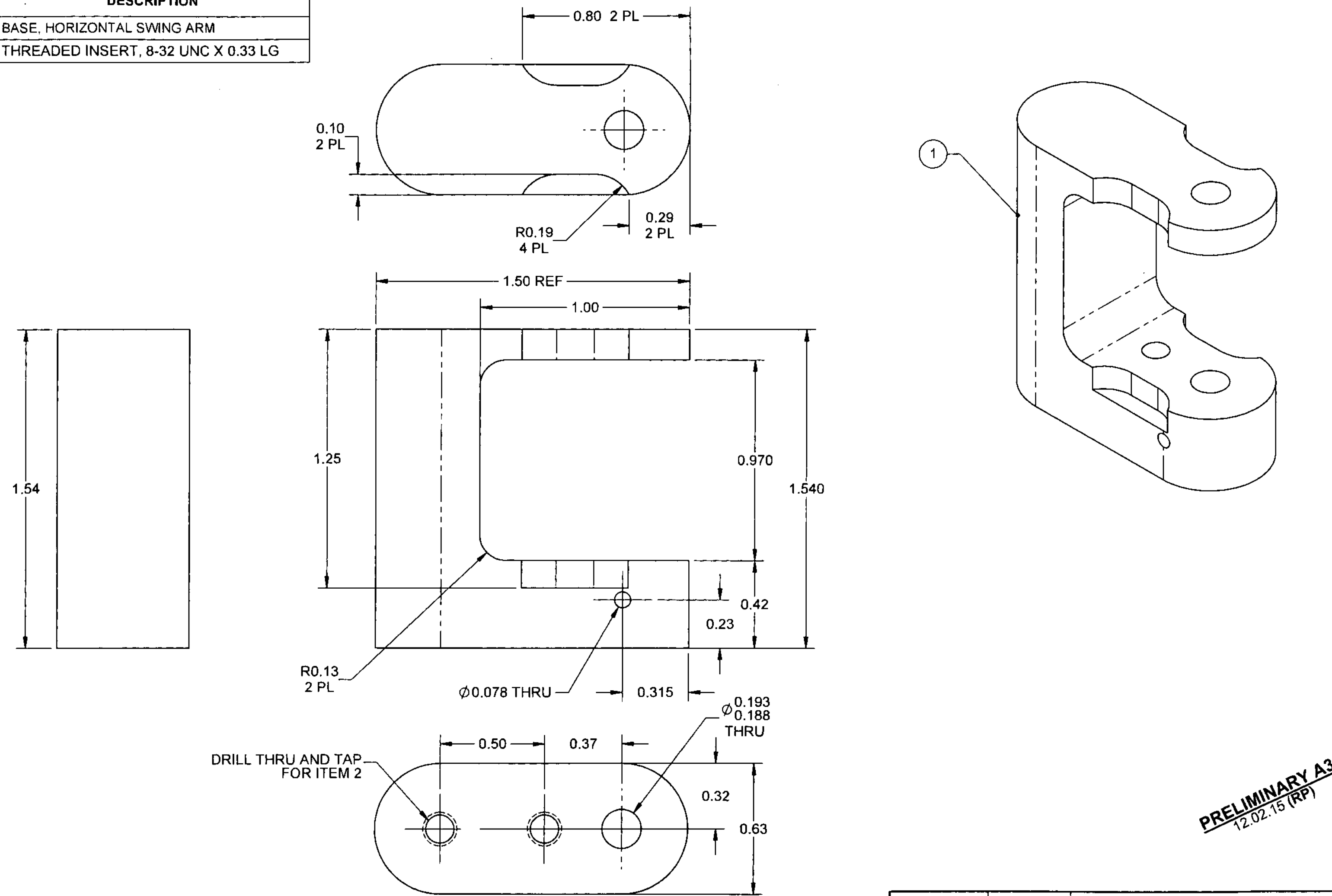
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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80387

ITEM	QTY	P/N	DESCRIPTION
1	1	D4522-3	BASE, HORIZONTAL SWING ARM
2	2	MS21209-C0820	THREADED INSERT, 8-32 UNC X 0.33 LG



NOTES:

1) MATERIAL: 6061-T6/T62 ALUMINUM PER AMS 4025 OR
AMS 4027 OR ASTM B209
REF M6061T6S.060
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: INDENTIFY PER QSI044 6.1
7) WEIGHT: 0.07 lbs

D4522-045 BASE, HORIZONTAL SWING ARM

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RP	
CHECKED	CP	DRAWING NO. D4522 — REV. PA3 — SHEET 6 OF 24
MFG. APPR.		
APPROVED		TITLE DOOR LATCH ASSY (412) — SCALE NTS
DE APPR.		
DATE	12.02.15	

Dart Aerospace Ltd

W/O:		**WORK ORDER CHANGES**					
DATE	**STEP**	**PROCEDURE CHANGE**	**By**	**Date**	**Qty**	**Approval** Chief Eng / Prod Mgr	**Approval** QC Inspector

Part No: ____________ **PAR #:** ______ **Fault Category:** ____________ **NCR:** Yes No **DQA:** _____ **Date:** ________

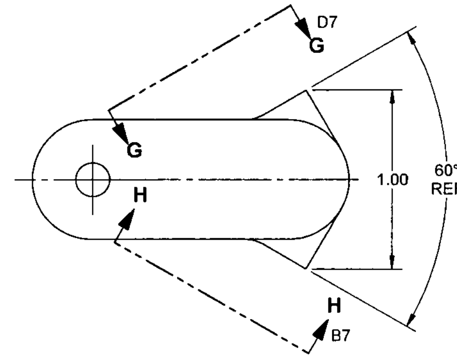
Resolution: ____________ **Disposition:** ____________ **QA: N/C Closed:** ________ **Date:** ________

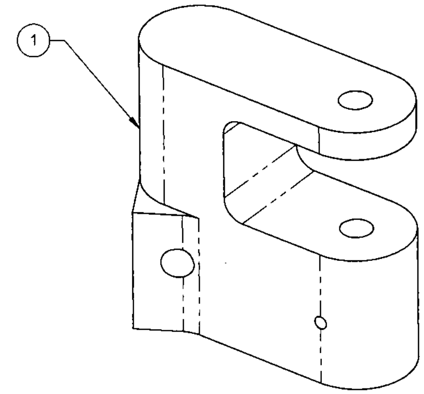
NCR:		**WORK ORDER NON-CONFORMANCE (NCR)**						
			Corrective Action Section B					
DATE	**STEP**	**Description of NC** Section A	**Initial** Chief Eng	**Action Description** Chief Eng	**Sign & Date**	**Verification** Section C	**Approval** Chief Eng	**Approval** QC Inspector

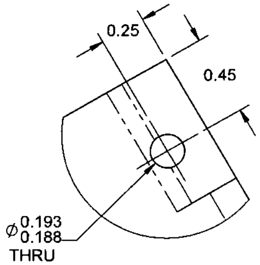
NOTE: Date & initial all entries

80387

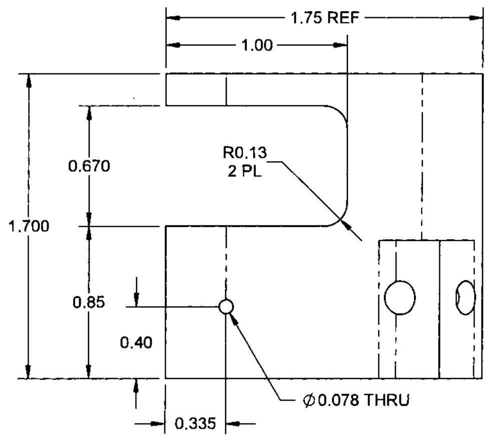
ITEM	QTY	P/N	DESCRIPTION
1	1	D4522-5	BASE, VERTICAL SWING ARM
2	2	MS21209-C0820	THREADED INSERT, 8-32 UNC X 0.33 LG

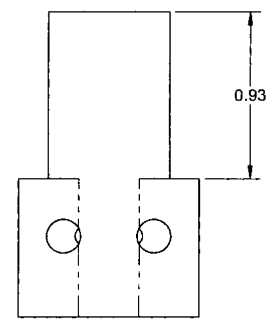


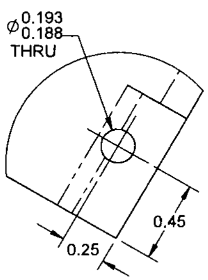




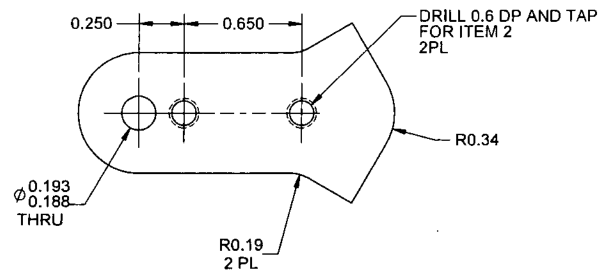
VIEW G-G D4







VIEW H-H C4



PRELIMINARY A3
12.02.15 (RP)

NOTES:

1) MATERIAL: 6061-T6/T62 ALUMINUM PER AMS 4025 OR
AMS 4027 OR ASTM B209
REF M6061T6S.060
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: INDENTIFY PER QSI044 6.1
7) WEIGHT: 0.14 lbs

D4522-047 BASE, VERTICAL SWING ARM

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RP	
CHECKED	CP	DRAWING NO. D4522 — REV. PA3 — SHEET 7 OF 24
MFG. APPR.		
APPROVED		TITLE: DOOR LATCH ASSY (412) — SCALE NTS
DE APPR.		
DATE	12.02.15	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: ____________________ PAR #: _______ Fault Category: ________________ NCR: Yes No DQA: _____ Date: _________

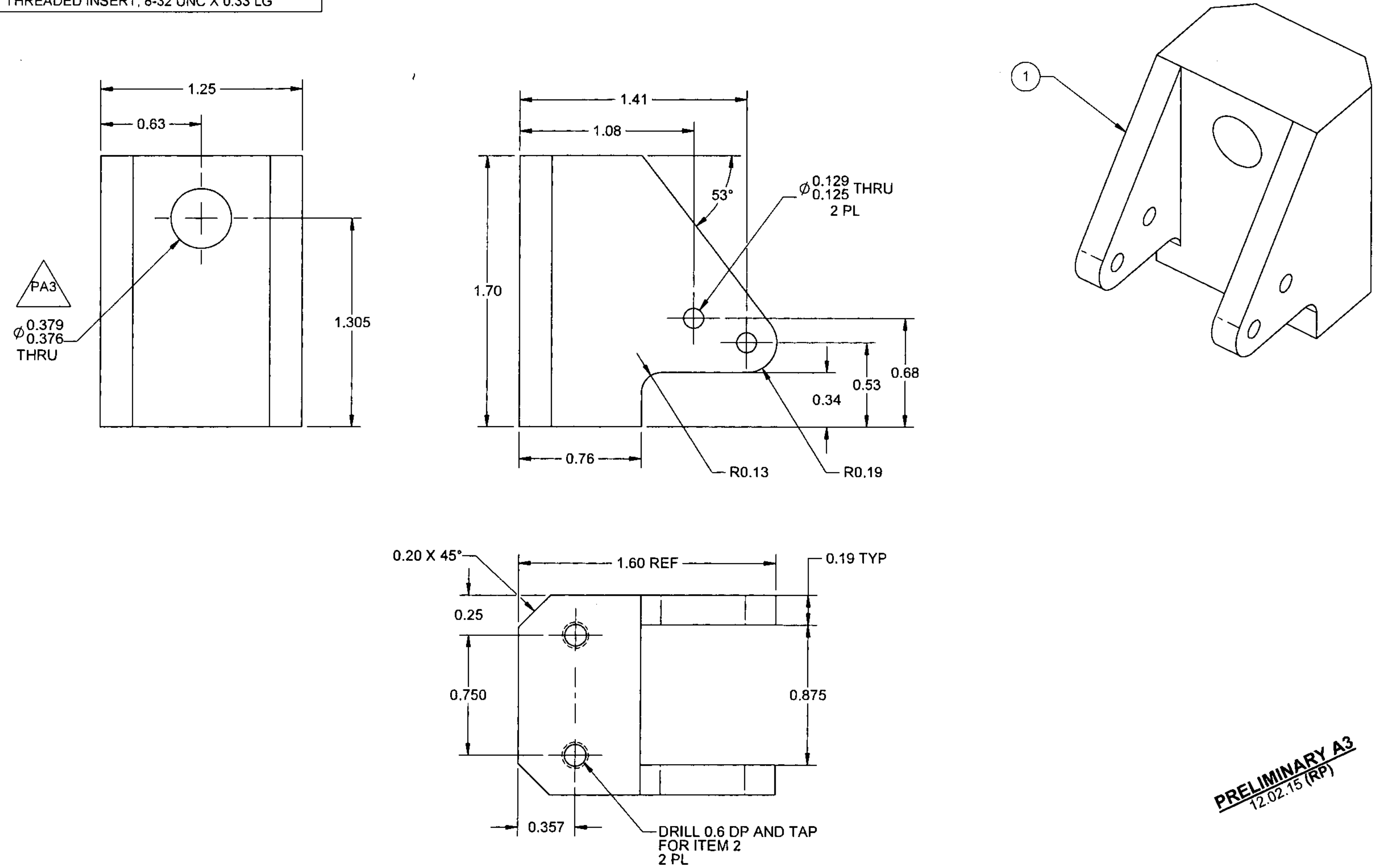
Resolution: ____________________ Disposition: ____________________ QA: N/C Closed: __________ Date: _________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

80387

ITEM	QTY	P/N	DESCRIPTION
1	1	D4522-7	BASE, LATCH SHAFT
2	2	MS21209-C0820	THREADED INSERT, 8-32 UNC X 0.33 LG



D4522-049 BASE, LATCH SHAFT

NOTES:

1) MATERIAL: 6061-T6/T62 ALUMINUM PER AMS 4025 OR
AMS 4027 OR ASTM B209
REF M6061T6S.060
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: INDENTIFY PER QSI044 6.1
7) WEIGHT: 0.16 lbs

DESIGN	RP
DRAWN	RP
CHECKED	CP
MFG. APPR.	
APPROVED	
DE APPR.	
DATE	12.02.15

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D4522 — REV. PA3 — SHEET 8 OF 24

TITLE: DOOR LATCH ASSY (412) — SCALE: NTS

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

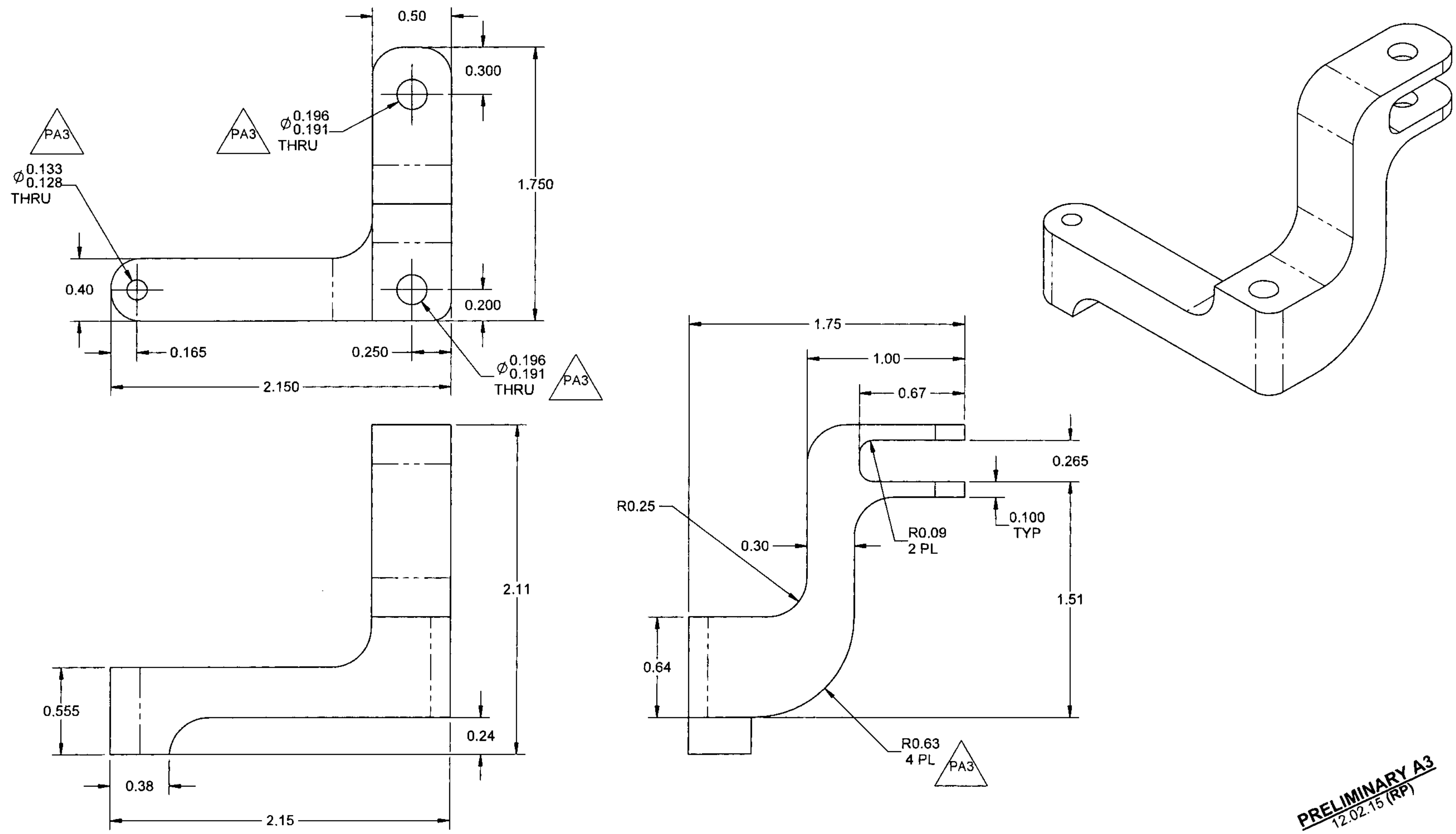
Part No: ____________________ PAR #: _______ Fault Category: __________________ NCR: Yes No DQA: _____ Date: _________

Resolution: ____________________ Disposition: ____________________ QA: N/C Closed: __________ Date: _________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

80387



D4522-9 VERTICAL SWING ARM

NOTES:

1) MATERIAL: AISI 303 SS BAR PER ASTM A582
REF DART SPEC M303B OR
AISI 304/316 SS BAR OR PLATE
PER ASTM A276 OR ASTM A240
REF DART SPEC M304B
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: INDENTIFY PER QSI044 6.1
7) WEIGHT: 0.19 lbs

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RP	
CHECKED	CP	DRAWING NO. D4522 — REV. PA3 — SHEET 9 OF 24
MFG. APPR.		
APPROVED		TITLE DOOR LATCH ASSY (412) — SCALE NTS
DE APPR.		
DATE	12.02.15	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	**STEP**	**PROCEDURE CHANGE**	**By**	**Date**	**Qty**	**Approval** Chief Eng / Prod Mgr	**Approval** QC Inspector

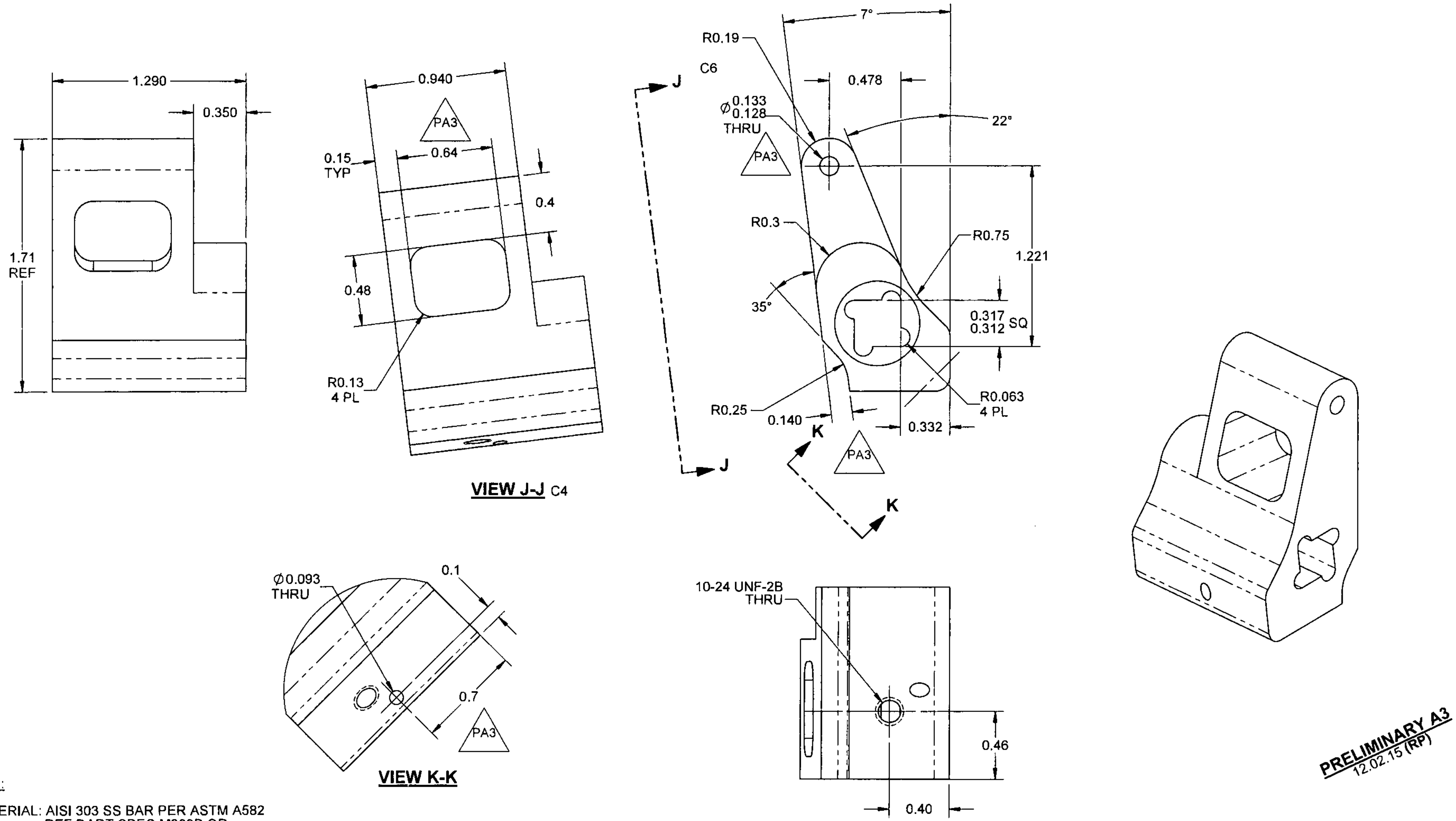
Part No: ____________ **PAR #:** ______ **Fault Category:** ____________ **NCR:** Yes No **DQA:** _____ **Date:** ________

Resolution: ____________ **Disposition:** ____________ **QA: N/C Closed:** ________ **Date:** ________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	**STEP**	**Description of NC** Section A	**Corrective Action** Section B			**Verification** Section C	**Approval** Chief Eng	**Approval** QC Inspector
			Initial Chief Eng	**Action Description** Chief Eng	**Sign & Date**			

NOTE: Date & initial all entries

80387



NOTES:

1) MATERIAL: AISI 303 SS BAR PER ASTM A582
REF DART SPEC M303B OR
AISI 304/316 SS BAR OR PLATE
PER ASTM A276 OR ASTM A240
REF DART SPEC M304B
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: INDENTIFY PER QSI044 6.1
7) WEIGHT: 0.14 lbs

D4522-11 HANDLE SHAFT ARM

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RP	
CHECKED	CP	DRAWING NO. D4522 — REV. PA3 — SHEET 10 OF 24
MFG. APPR.		
APPROVED		TITLE: DOOR LATCH ASSY (412) — SCALE NTS
DE APPR.		
DATE	12.02.15	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	**STEP**	**PROCEDURE CHANGE**	**By**	**Date**	**Qty**	**Approval** Chief Eng / Prod Mgr	**Approval** QC Inspector

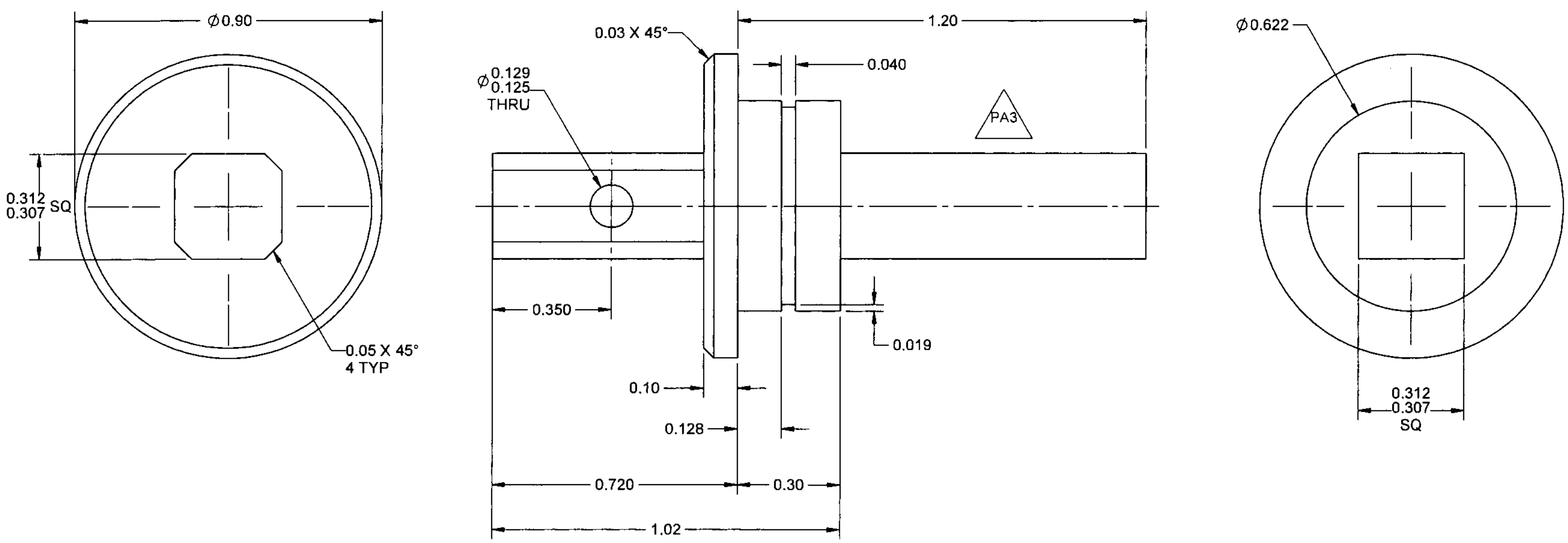
Part No: ____________ **PAR #:** ______ **Fault Category:** ____________ **NCR:** Yes No **DQA:** _____ **Date:** ________

Resolution: ____________ **Disposition:** ____________ **QA: N/C Closed:** ________ **Date:** ________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	**STEP**	**Description of NC** Section A	**Corrective Action** Section B			**Verification** Section C	**Approval** Chief Eng	**Approval** QC Inspector
			Initial Chief Eng	**Action Description** Chief Eng	**Sign & Date**			

NOTE: Date & initial all entries

80387



D4522-13 HANDLE SHAFT ADAPTER

PRELIMINARY A3
12.02.15 (RP)

NOTES:

1) MATERIAL: AISI 303 SS ROUND BAR PER ASTM A582
REF DART SPEC M303R1.00 OR
AISI 304/316 SS ROUND BAR PER ASTM A276
REF DART SPEC M304R1.000
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: INDENTIFY PER QSI044 6.1
7) WEIGHT: 0.08 lbs

DESIGN	RP	**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN	RP	
CHECKED	CP	DRAWING NO. D4522 — REV. PA3 — SHEET 11 OF 24
MFG. APPR.		
APPROVED		TITLE: DOOR LATCH ASSY (412) — SCALE: NTS
DE APPR.		
DATE	12.02.15	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: ____________________ **PAR #:** _______ **Fault Category:** __________________ **NCR:** Yes No **DQA:** _____ **Date:** _________

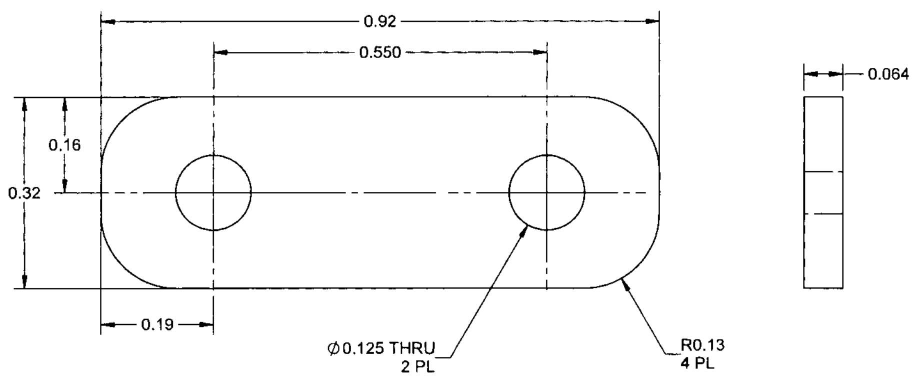
Resolution: ____________________ **Disposition:** ____________________ **QA: N/C Closed:** __________ **Date:** _________

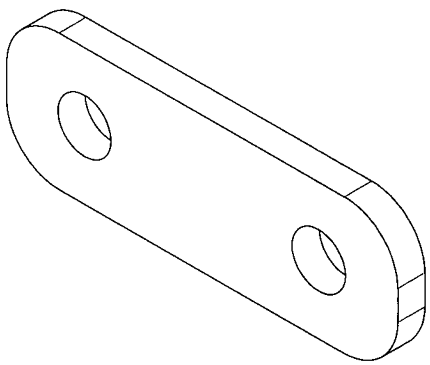
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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80387





D4522-17 LINKAGE

PRELIMINARY A3
12.02.15 (RP)

NOTES:
1) MATERIAL: AISI 304/316 SS SHEET, ANNEALED, 2B FINISH
REF DART SPEC M304S16GA
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: INDENTIFY PER QSI044 6.1
7) WEIGHT: 0.01 lbs

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RP	
CHECKED	CP	DRAWING NO. D4522 — REV. PA3 — SHEET 12 OF 24
MFG. APPR.		
APPROVED		TITLE DOOR LATCH ASSY (412) — SCALE NTS
DE APPR.		
DATE	12.02.15	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: ____________________ **PAR #:** _______ **Fault Category:** __________________ **NCR:** Yes No **DQA:** _____ **Date:** _________

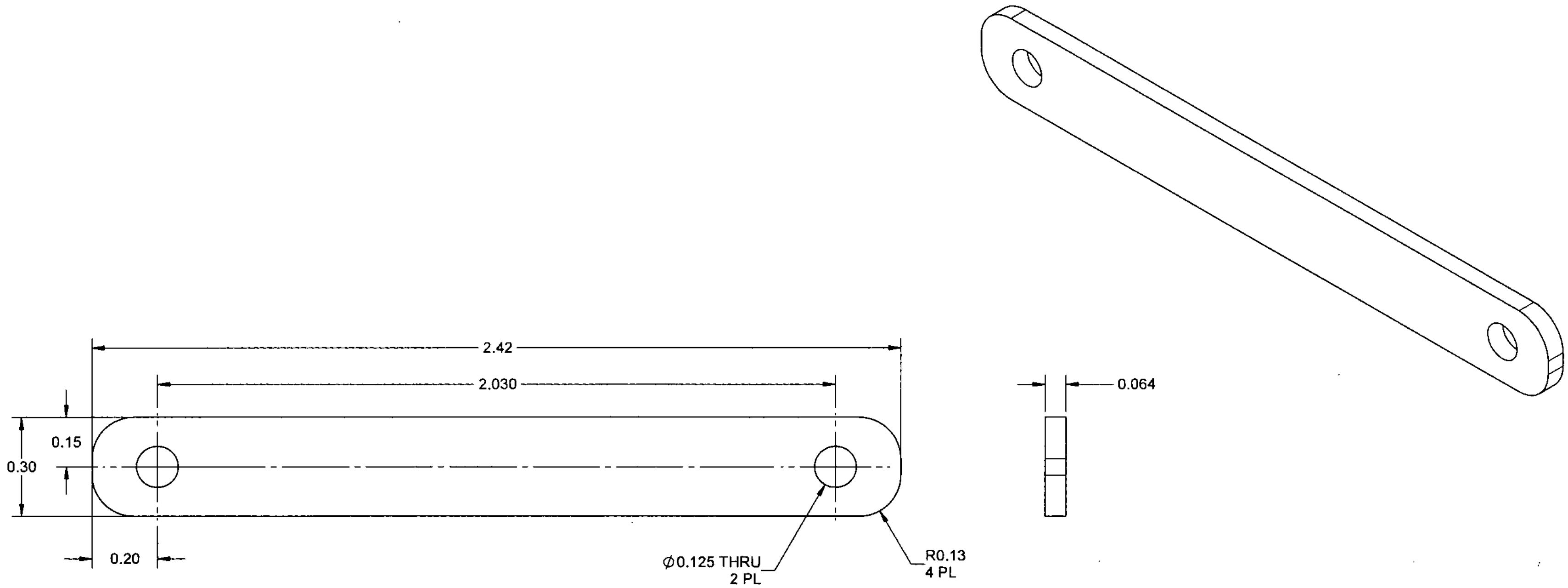
Resolution: ____________________ **Disposition:** ____________________ **QA: N/C Closed:** __________ **Date:** _________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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803807



D4522-19 LINKAGE

PRELIMINARY A3
12.02.15 (RP)

NOTES:

1) MATERIAL: AISI 304/316 SS SHEET, ANNEALED, 2B FINISH
REF DART SPEC M304S16GA
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: INDENTIFY PER QSI044 6.1
7) WEIGHT: 0.01 lbs

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RP	
CHECKED	CP	DRAWING NO. D4522 — REV. PA3 — SHEET 13 OF 24
MFG. APPR.		
APPROVED		TITLE: DOOR LATCH ASSY (412) — SCALE: NTS
DE APPR.		
DATE	12.02.15	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

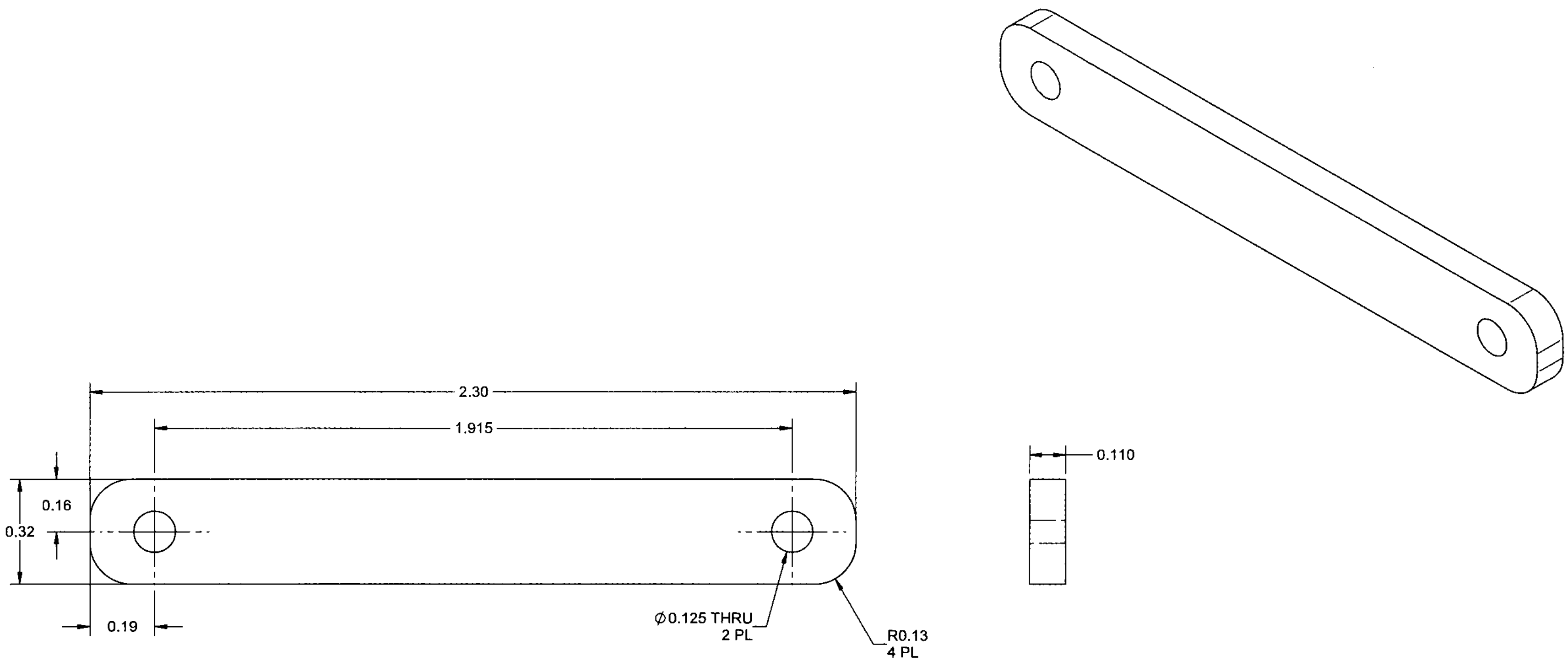
Part No: ____________________ **PAR #:** _______ **Fault Category:** __________________ **NCR:** Yes No **DQA:** _____ **Date:** _________

Resolution: ____________________ **Disposition:** ____________________ **QA: N/C Closed:** __________ **Date:** _________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
			Corrective Action Section B					
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector

NOTE: Date & initial all entries

80387



D4522-21 LINKAGE

PRELIMINARY A3
12.02.15 (RP)

NOTES:

1) MATERIAL: AISI 304/316 SS SHEET, ANNEALED, 2B FINISH
REF DART SPEC M304S12GA
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: INDENTIFY PER QSI044 6.1
7) WEIGHT: 0.02 lbs

DESIGN	RP	**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN	RP	
CHECKED	CP	DRAWING NO. D4522 — REV. PA3 — SHEET 14 OF 24
MFG. APPR.		
APPROVED		TITLE DOOR LATCH ASSY (412) — SCALE NTS
DE APPR.		
DATE	12.02.15	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

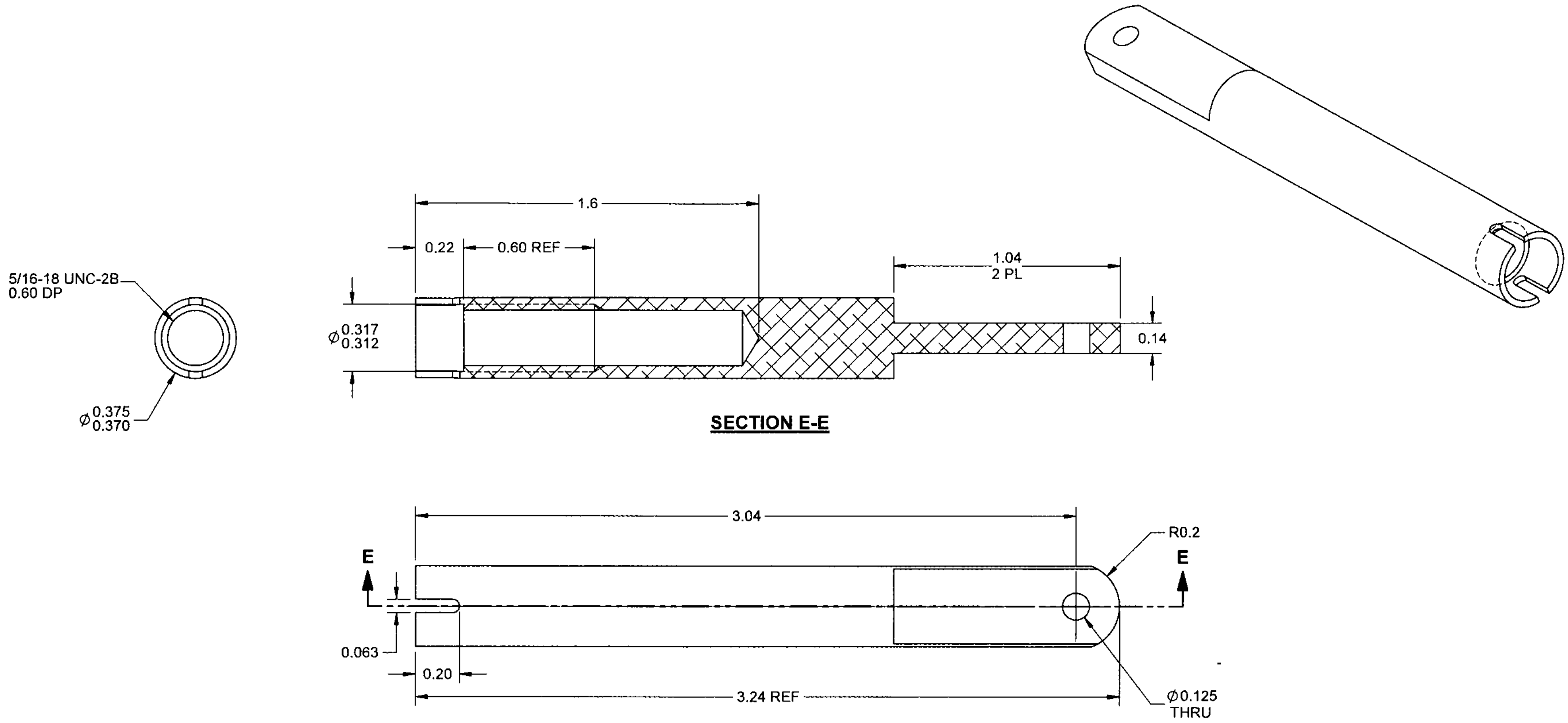
Part No: ____________ PAR #: ______ Fault Category: ____________ NCR: Yes No DQA: _____ Date: _________

Resolution: ____________ Disposition: ____________ QA: N/C Closed: _________ Date: _________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

80387



D4522-25 LATCH SHAFT

PRELIMINARY A3
12.02.15 (RP)

NOTES:

1) MATERIAL: AISI 303 SS ROUND BAR PER ASTM A582
REF DART SPEC M303B0.375 OR
AISI 304/316 SS ROUND BAR PER ASTM A276
REF DART SPEC M304R0.375
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: N/A

DESIGN	RP	**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN	RP	
CHECKED	CP	DRAWING NO. D4522 — REV. PA3 — SHEET 15 OF 24
MFG. APPR.		
APPROVED		TITLE DOOR LATCH ASSY (412) — SCALE NTS
DE APPR.		
DATE	12.02.15	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: ____________ **PAR #:** ______ **Fault Category:** ____________ **NCR:** Yes No **DQA:** _____ **Date:** ________

Resolution: ____________ **Disposition:** ____________ **QA: N/C Closed:** ________ **Date:** ________

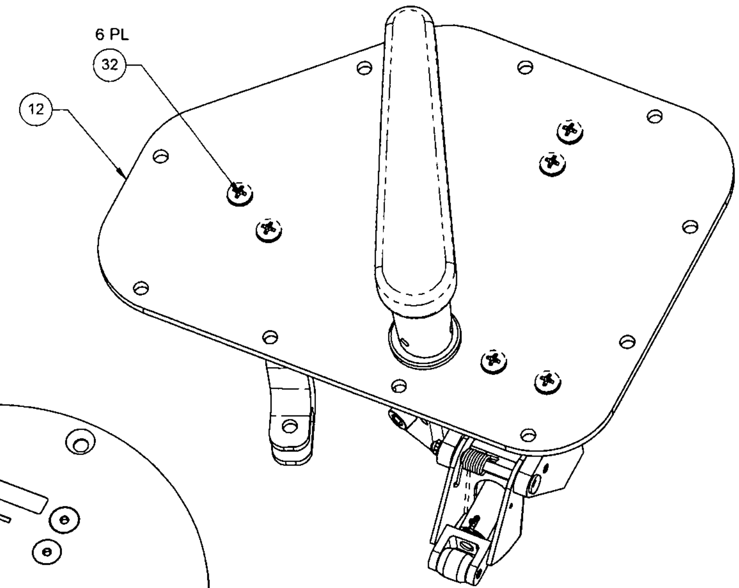
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

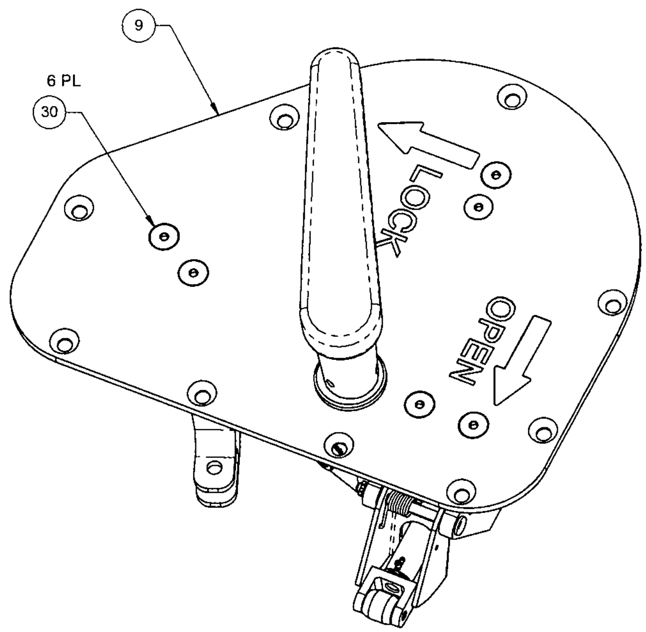
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ITEM	QTY -042	QTY -044	P/N	DESCRIPTION
	X		D4522-042	DOOR LATCH ASS'Y, RIGHT, OEM
		X	D4522-044	DOOR LATCH ASS'Y, RIGHT
1	1		D4522-045	BASE, HORIZONTAL SWING ARM
2	1		D4522-047	BASE, VERTICAL SWING ARM
3	1		D4522-049	BASE, LATCH SHAFT
4	1	1	D4522-10	VERTICAL SWING ARM
5	1	1	D4522-12	HANDLE SHAFT ARM
6	1	1	D4522-13	HANDLE SHAFT ADAPTER
7	2	2	D4522-17	LINKAGE
8	2	2	D4522-19	LINKAGE
9	1		D4522-2	BASE PLATE, OEM
10	2	2	D4522-21	LINKAGE
11	1	1	D4522-25	LATCH SHAFT
12		1	D4522-31	BASE PLATE
13	1	1	D4529-041	HORIZONTAL SWING ARM
14	1	1	D4530-041	LATCH ROLLER
15	1	1	D4531-1	LATCH SHAFT BRACKET
16	1	1	D4574	INTERIOR L-HANDLE, MODIFIED
17	1	1	LE045005S	EXTENSION SPRING (LEE SPRING)
18	1	1	MS-20995-C20	LOCK WIRE
19	1	1	MS16562-193	SPRING PIN
20	1	1	MS16562-223	SRPING PIN
21	1	1	MS16562-227	SPRING PIN
22	1	1	MS16624-4062	EXTERNAL RETAINING RING
23	1	1	MS20392-1P41	DRILLED PIN
24	1	1	MS20392-1R27P	DRILLED PIN
25	1	1	MS20392-1R37P	DRILLED PIN
26	4	4	MS20392-1R9P	DRILLED PIN
27	3	3	MS20392-2R41P	DRILLED PIN
28	7	7	MS24665-151	COTTER PIN
29	2	2	MS24665-155	COTTER PIN
30	6		MS24671-14	SCREW, FL-HD, HEX, #8
31	1	1	MS24674-13	DRILLED CAP SCREW, #10
32		6	MS51957-43	SCREW, PN-HD, #8
33	5	5	NAS1149-C-N432-R	FLAT WASHER
34	1	1	NAS42DD628FC	SPACER
35	1	1	T032-180-156L	TORSION SPRING



D4522-044 DOOR LATCH ASSY, RIGHT



D4522-042 DOOR LATCH ASSY, RIGHT, OEM

PRELIMINARY A3
12.02.15 (RP)

NOTES:

1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY PER DART QSI 044
7) WEIGHT: 2.0 lbs
8) INSTALL ALL COTTER PINS AND LOCK WIRE IN ACCORDANCE WITH MS33540
9) OEM VERSION DEPICTED IN DRAWING
10) SHEETS 22 -24 ARE FOR REFERENCE ONLY AND ARE ONLY ***RECOMMENDED*** ASSEMBLY STEPS

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RP	
CHECKED	CP	DRAWING NO. D4522 — REV. PA3 — SHEET 16 OF 24
MFG. APPR.		
APPROVED		TITLE: DOOR LATCH ASSY (412) — SCALE NTS
DE APPR.		
DATE	12.02.15	

Dart Aerospace Ltd

W/O:	WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

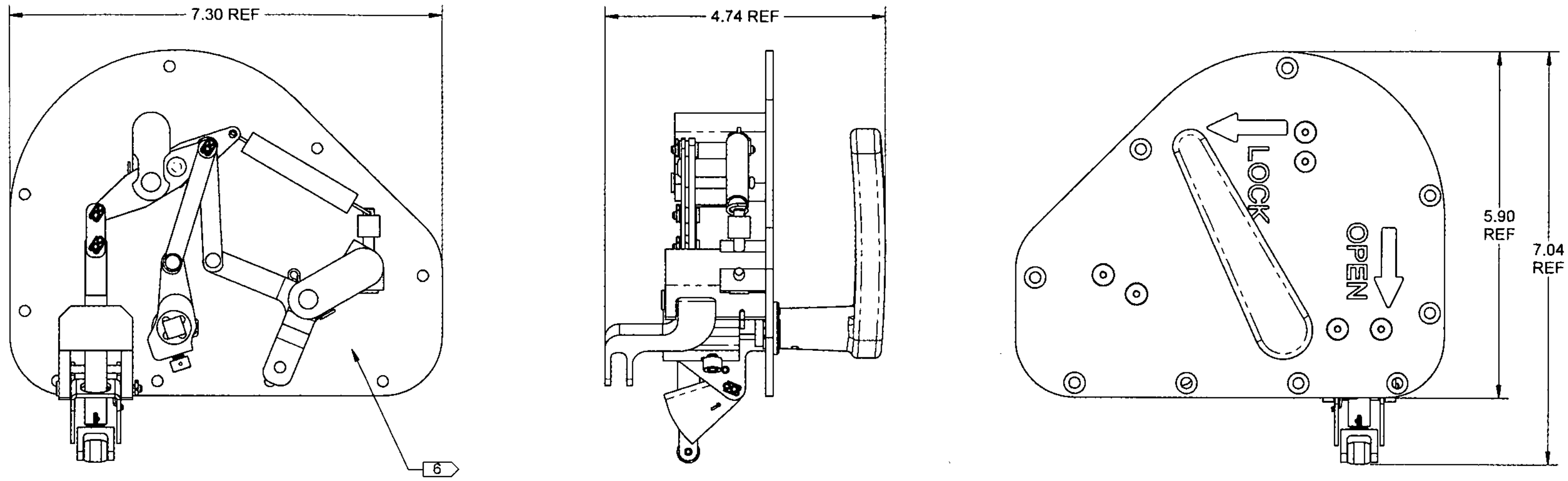
Part No: ____________ **PAR #:** ______ **Fault Category:** ____________ **NCR:** Yes No **DQA:** _____ **Date:** ________

Resolution: ____________ **Disposition:** ____________ **QA: N/C Closed:** ________ **Date:** ________

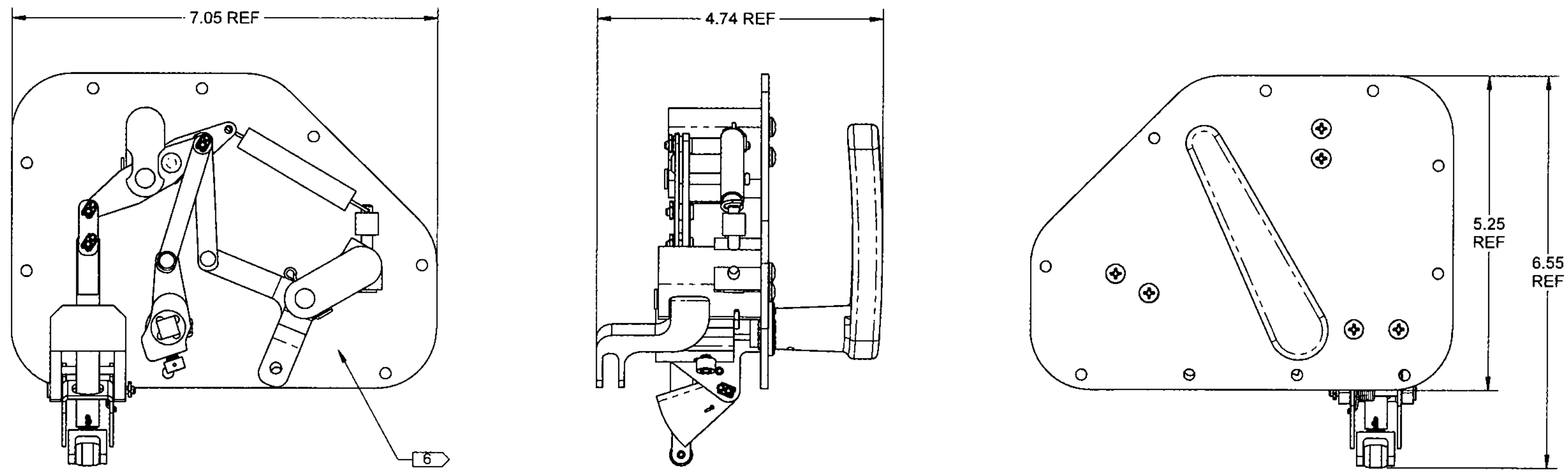
NCR:	WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

80388



D4522-042 DOOR LATCH ASSY, RIGHT, OEM



D4522-044 DOOR LATCH ASSY, RIGHT

PRELIMINARY A3
12.02.15 (RP)

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RP	
CHECKED	CP	DRAWING NO. D4522 — REV. PA3 — SHEET 17 OF 24
MFG. APPR.		
APPROVED		TITLE DOOR LATCH ASSY (412) — SCALE NTS
DE APPR.		
DATE	12.02.15	COPYRIGHT © 2012 BY DART AEROSPACE LTD

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: ____________ PAR #: ______ Fault Category: ____________ NCR: Yes No DQA: _____ Date: ________

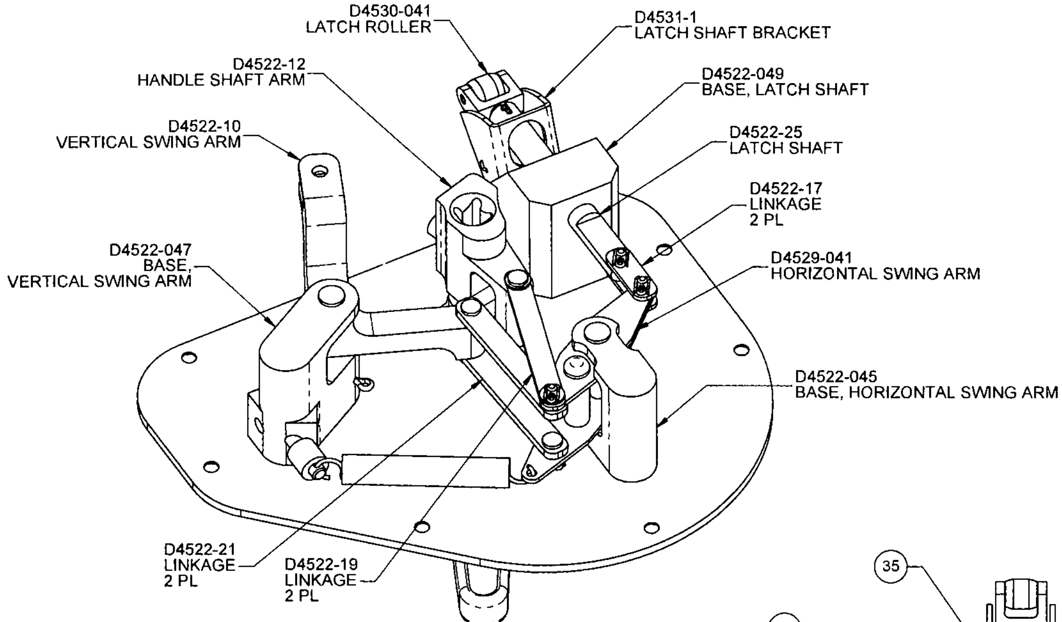
Resolution: ____________ Disposition: ____________ QA: N/C Closed: ________ Date: ________

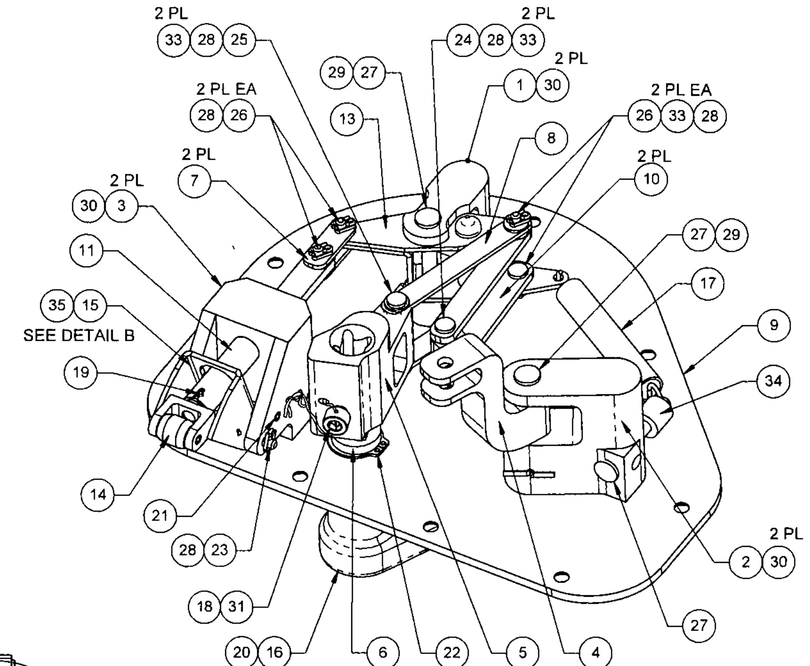
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

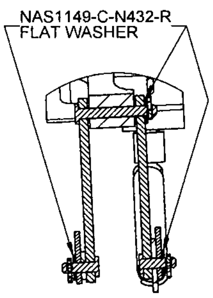
NOTE: Date & initial all entries

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

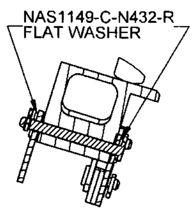
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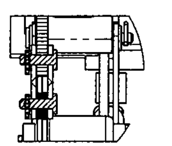




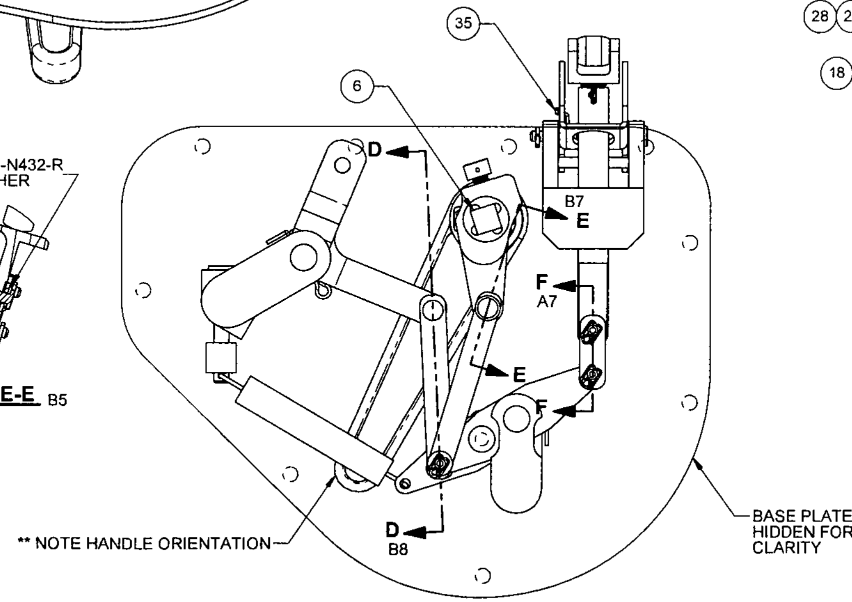
SECTION D-D B5

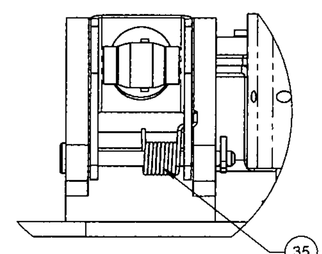


SECTION E-E B5



SECTION F-F B5





DETAIL 'B'
TORSION SPRING

PRELIMINARY A3
12.02.15 (RP)

DESIGN		**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN		
CHECKED		DRAWING NO. D4522 — REV. PA3 — SHEET 18 OF 24
MFG. APPR		
APPROVED		TITLE DOOR LATCH ASSY (412) — SCALE NTS
DE APPR.		
DATE	12.02.15	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: ____________ PAR #: ______ Fault Category: ____________ NCR: Yes No DQA: _____ Date: ________

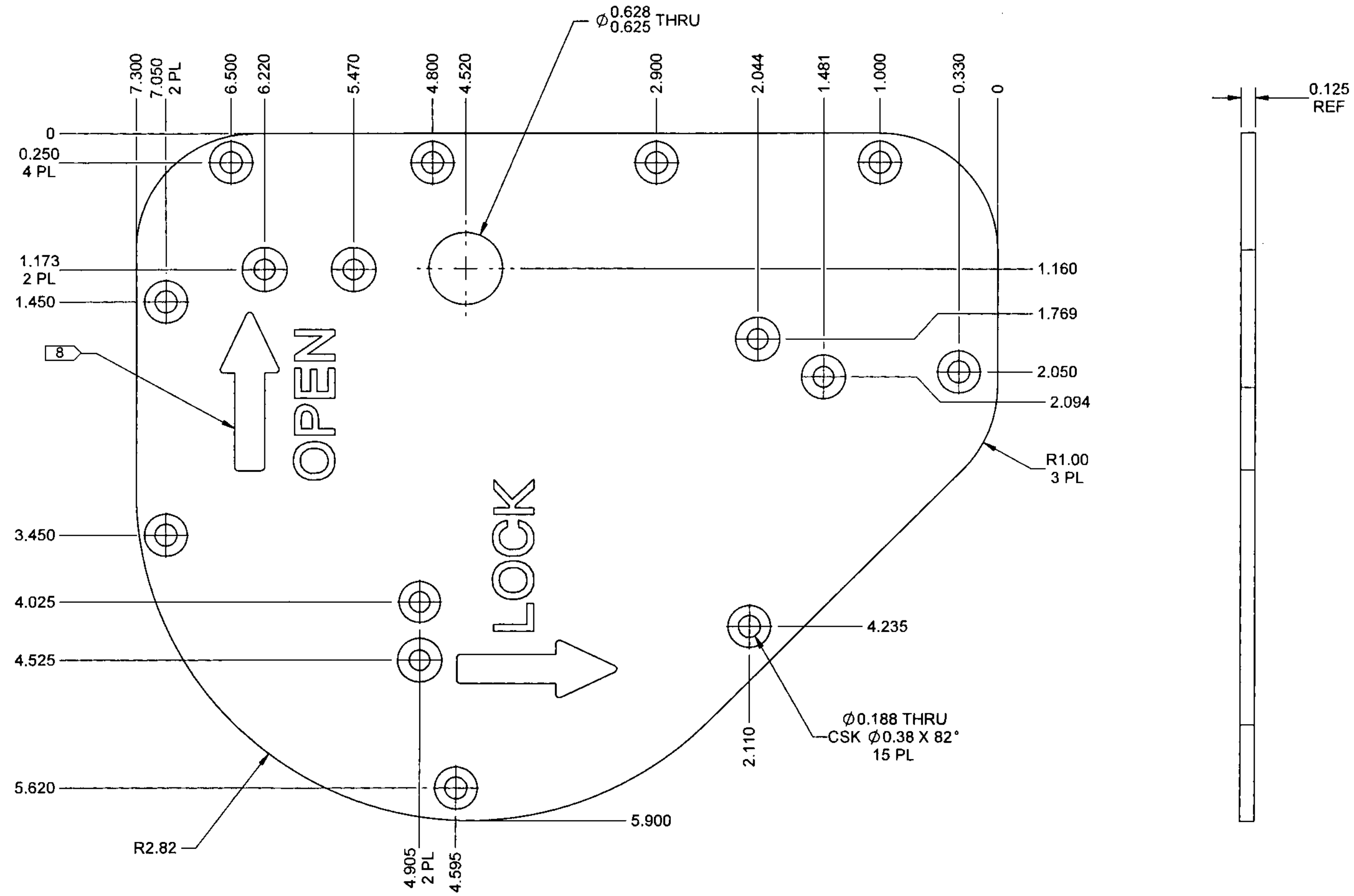
Resolution: ____________ Disposition: ____________ QA: N/C Closed: ________ Date: ________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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PRELIMINARY A3
12.02.15 (RP)

NOTES:

1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET, .125 THICK
PER AMS 4025 OR AMS 4027 OR ASTM B209
REF M6061T6S.060
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT GLOSS GREY (4.3.5.15) PER DART QSI 005 4.3 PA3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: INDENTIFY PER QSI044 6.1
7) WEIGHT: 0.4 lbs
8) ENGRAVE TEXT AND ARROWS .010" DP IN APPROXIMATE
LOCATION SHOWN
TEXT TO BE APPROX. 0.32 HIGH

D4522-2 BASE PLATE, OEM

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RP	
CHECKED	CP	DRAWING NO. D4522 — REV. PA3 — SHEET 19 OF 24
MFG. APPR.		
APPROVED		TITLE DOOR LATCH ASSY (412) — SCALE NTS
DE APPR.		
DATE	12.02.15	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

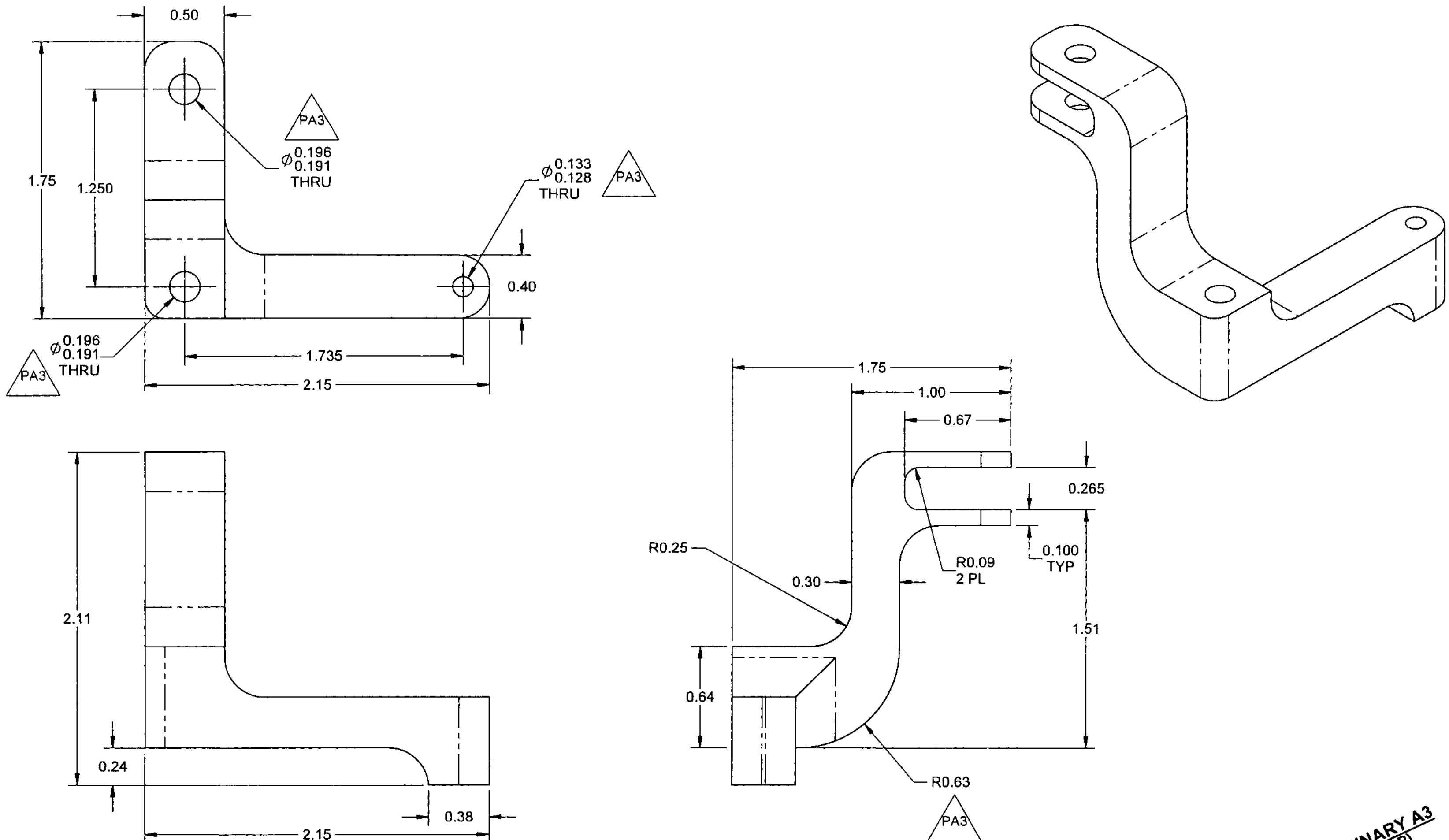
Part No: ____________ **PAR #:** _______ **Fault Category:** ____________ **NCR:** Yes No **DQA:** _____ **Date:** _________

Resolution: ____________ **Disposition:** ____________ **QA: N/C Closed:** _________ **Date:** _________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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NOTES:

1) MATERIAL: AISI 303 SS BAR PER ASTM A582
REF DART SPEC M303B OR
AISI 304/316 SS BAR OR PLATE
PER ASTM A276 OR ASTM A240
REF DART SPEC M304B
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: INDENTIFY PER QSI044 6.1
7) WEIGHT: 0.19 lbs

D4522-10 VERTICAL SWING ARM

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RP	
CHECKED	CP	DRAWING NO. D4522 — REV. PA3 — SHEET 20 OF 24
MFG. APPR.		
APPROVED		TITLE DOOR LATCH ASSY (412) — SCALE NTS
DE APPR.		
DATE	12.02.15	

Dart Aerospace Ltd

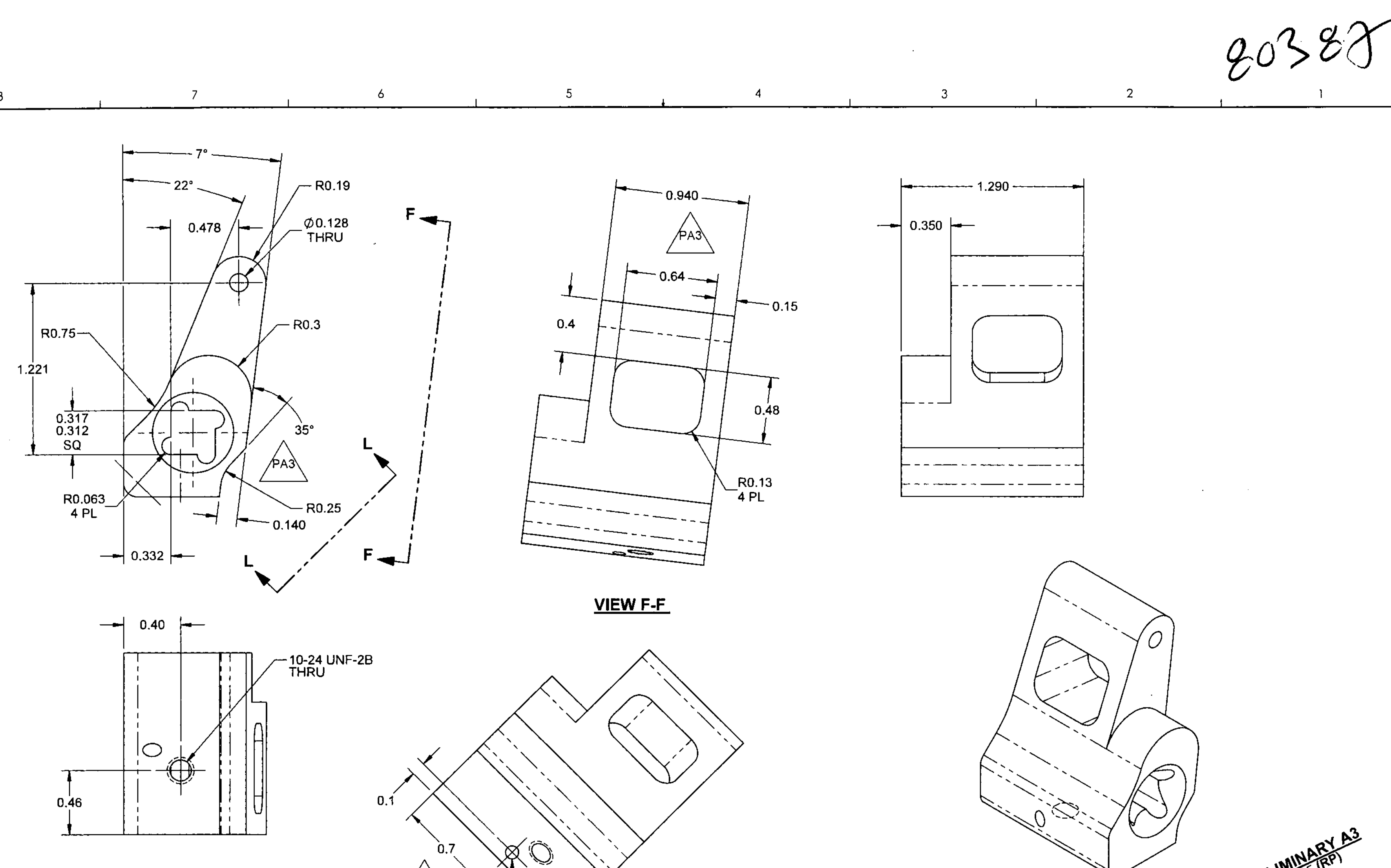
W/O:	WORK ORDER CHANGES						
DATE	**STEP**	**PROCEDURE CHANGE**	**By**	**Date**	**Qty**	**Approval** Chief Eng / Prod Mgr	**Approval** QC Inspector

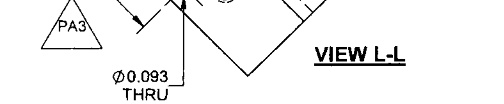
Part No: ____________________ **PAR #:** _______ **Fault Category:** __________________ **NCR:** Yes No **DQA:** _____ **Date:** _________

Resolution: ____________________ **Disposition:** ____________________ **QA: N/C Closed:** _________ **Date:** _________

NCR:	WORK ORDER NON-CONFORMANCE (NCR)							
			Corrective Action Section B					
DATE	**STEP**	**Description of NC** Section A	**Initial** Chief Eng	**Action Description** Chief Eng	**Sign & Date**	**Verification** Section C	**Approval** Chief Eng	**Approval** QC Inspector

NOTE: Date & initial all entries





NOTES:

1) MATERIAL: AISI 303 SS BAR PER ASTM A582
REF DART SPEC M303B OR
AISI 304/316 SS BAR OR PLATE
PER ASTM A276 OR ASTM A240
REF DART SPEC M304B
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: INDENTIFY PER QSI044 6.1
7) WEIGHT: 0.14 lbs

D4522-12 HANDLE SHAFT ARM

DESIGN	RP	**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN	RP	
CHECKED	CP	DRAWING NO. D4522 — REV. PA3 — SHEET 21 OF 24
MFG. APPR.		
APPROVED		TITLE DOOR LATCH ASSY (412) — SCALE NTS
DE APPR.		
DATE	12.02.15	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

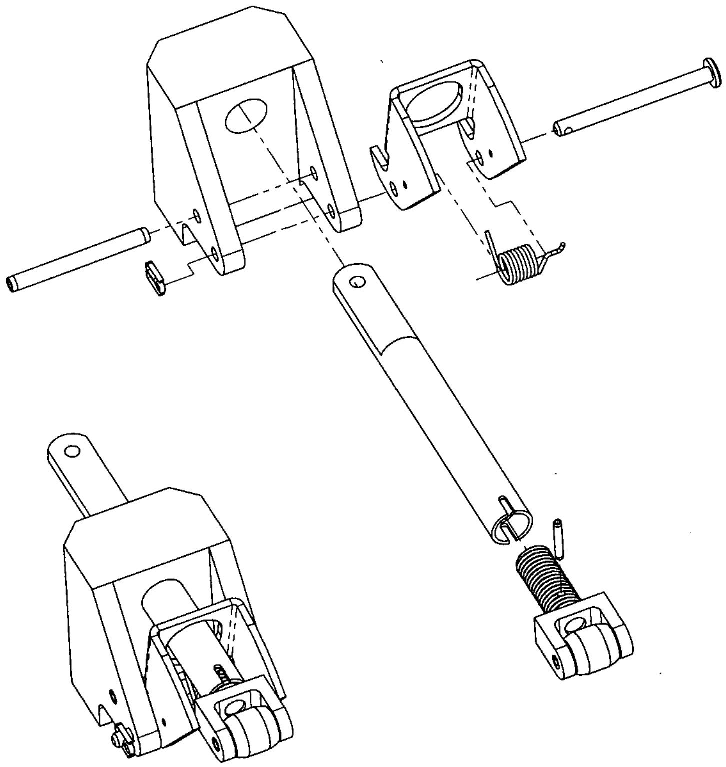
Part No: ____________ **PAR #:** ______ **Fault Category:** ____________ **NCR:** Yes No **DQA:** _____ **Date:** ________

Resolution: ____________ **Disposition:** ____________ **QA: N/C Closed:** ________ **Date:** ________

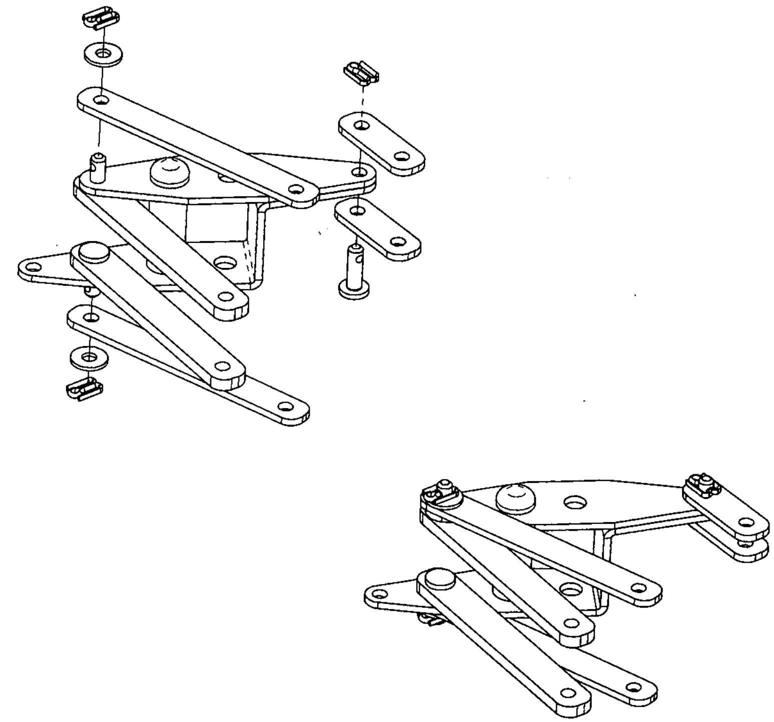
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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RECOMMENDED ASSEMBLY STEP #1A
(LATCH SUB-ASSEMBLY)



RECOMMENDED ASSEMBLY STEP #1B
(LINKAGE SUB-ASSEMBLY)

DESIGN		**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN		
CHECKED		DRAWING NO. D4522 — REV. PA3 — SHEET 22 OF 24
MFG. APPR.		
APPROVED		TITLE DOOR LATCH ASSY (412) — SCALE NTS
DE APPR.		
DATE	12.02.15	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

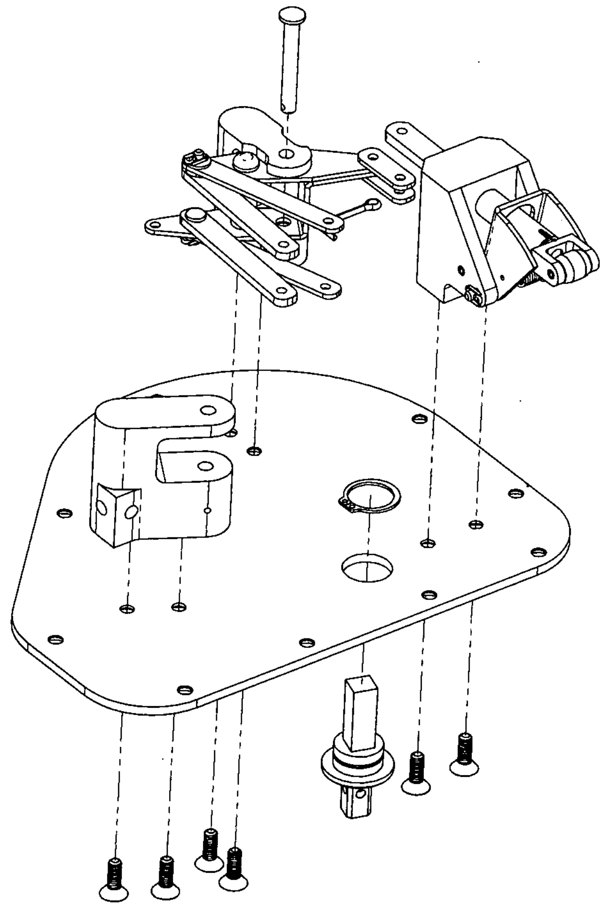
Part No: ____________ PAR #: ______ Fault Category: ____________ NCR: Yes No DQA: _____ Date: ________

Resolution: ____________ Disposition: ____________ QA: N/C Closed: ________ Date: ________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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RECOMMENDED ASSEMBLY STEP #2
(MAIN COMPONENTS TO BASE PLATE)

DESIGN		**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO. D4522	REV. PA3 SHEET 23 OF 24
MFG. APPR.			
APPROVED		TITLE DOOR LATCH ASSY (412)	SCALE NTS
DE APPR.			
DATE	12.02.15		

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	**STEP**	**PROCEDURE CHANGE**	**By**	**Date**	**Qty**	**Approval** Chief Eng / Prod Mgr	**Approval** QC Inspector

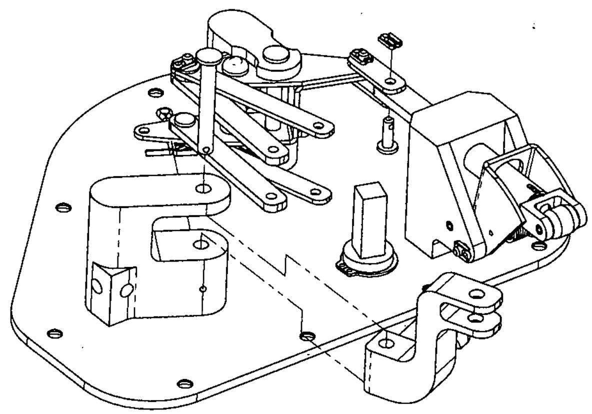
Part No: ____________ **PAR #:** ______ **Fault Category:** ____________ **NCR:** Yes No **DQA:** _____ **Date:** ________

Resolution: ____________ **Disposition:** ____________ **QA: N/C Closed:** ________ **Date:** ________

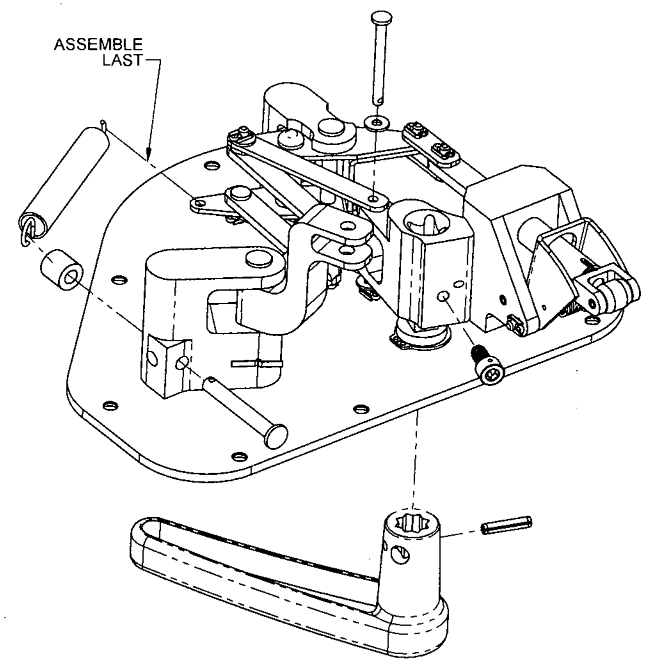
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	**STEP**	**Description of NC** Section A	**Corrective Action** Section B			**Verification** Section C	**Approval** Chief Eng	**Approval** QC Inspector
			Initial Chief Eng	**Action Description** Chief Eng	**Sign & Date**			

NOTE: Date & initial all entries

80387



RECOMMENDED ASSEMBLY STEP #3
(VERTICAL SWING ARM, TENSION SPRING, LATCH LINKAGE)



RECOMMENDED ASSEMBLY STEP #4
(HORIZ SWING ARM & HANDLE)

DESIGN		**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO. D4522	REV. PA3 SHEET 24 OF 24
MFG. APPR.			
APPROVED		TITLE DOOR LATCH ASSY (412)	SCALE NTS
DE APPR.			
DATE	12.02.15		

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: ____________ **PAR #:** ________ **Fault Category:** ____________ **NCR:** Yes No **DQA:** _____ **Date:** ________

Resolution: ____________ **Disposition:** ____________ **QA: N/C Closed:** ________ **Date:** ________

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DAN'S PRECISION TOOLS INC.
2560 Devine Road, Vars, ON K0A3H0
Tel:(613) 835-3097 Fax:(613) 835-3760
support@dans-precision-tools.com

RE: CERTIFICATE OF COMPLIANCE

To: DART AEROSPACE LTD.
1270 Aberdeen Street
Hawkesbury ON K6A-1K7
Tel: (613) 632-5200
Fax: (613) 632-5246

- We Certify that the part listed below meets the intent of the Purchase Order, and all applicable drawings and specifations.

Date : 09-Apr-12
Purchase Order : PO16235
Packing Slip : 11282
Part Number : D4522-13revPA3
Quantity : 3

Per: ______________________________

For Dan's Precision Tools Inc.

DAN'S PRECISION TOOLS INC.

Customer: DART AEROSPACE LTD.

P.O.: PO16235

W/O:

Part #: D4522-13 rev PA3

Handle Shaft Adapter

Qty: 3

1 of 1